

## ESTADO DE MINAS GERAIS

COMPANHIA DE TECNOLOGIA DA INFORMAÇÃO  
DO ESTADO DE MINAS GERAIS

## Gerência de Compras

**Acordo IBM e PRODEMGE**

Processo nº 5140.01.0003012/2025-29

Pelo presente instrumento particular, de um lado a **COMPANHIA DE TECNOLOGIA DA INFORMAÇÃO DE MINAS GERAIS**, doravante designada simplesmente **PRODEMGE**, e de outro lado a empresa **IBM BRASIL – INDÚSTRIA MÁQUINAS E SERVIÇOS LTDA**, por seus representantes legais ao final designados e assinados, doravante designada simplesmente **IBM**, têm entre si justo e acertado o presente Acordo de produtos e serviços (denominado “Acordo”), mediante as cláusulas e condições constantes nas páginas seguintes, que mutuamente aceitam e outorgam, a saber:

Considerando:

- i. Que o presente acordo busca estabelecer as condições gerais para a contratação e manutenção de produtos e serviços **IBM**, por meio das quais poder-se-á futuramente firmar, mediante o devido processo público de compras, instrumentos contratuais específicos para o licenciamento de cada produto ou serviço;
- ii. Que os benefícios previstos neste instrumento poderão ser aplicáveis, de acordo com a oportunidade e conveniência de cada entidade pública, sempre por meio da **PRODEMGE**, inclusive no âmbito do Poder Legislativo e do Poder Judiciário, nas condições dos respectivos instrumentos legais que regulam suas condições, cláusulas e competências;
- iii. Que a assinatura e celebração deste Acordo não obriga, direta ou indiretamente, a celebrar qualquer contrato para a aquisição de produto ou de serviço **IBM**;
- iv. Que a **PRODEMGE** é empresa que integra a administração pública estadual e foi criada para atender as necessidades do Estado de Minas Gerais e seus entes nas áreas da Tecnologia da Informação, Processamento de Dados e Tratamento da Informação;

Resolvem nesta data celebrar o presente Acordo, de acordo com as cláusulas e condições seguintes e seus respectivos Anexos.

**I – OBJETO**

**1.1.** O presente Acordo objetiva viabilizar a contratação por meio de documento específico e próprio, observando-se os preceitos da Lei No. 13.303/2016, de produtos e serviços da **IBM** pela **PRODEMGE**, de acordo com os termos e condições deste acordo e termos de licenciamento aplicáveis, observada sempre a legislação vigente aplicável.

Anexo I – Tabela de Produtos PPA, Preços e Serviços em Nuvem IBM 118878225

Anexo II – Suporte & Subscrição (S&S) de Software IBM 118878292

Anexo III – Contrato Internacional de Licença para Avaliação de Programas 118878303

Anexo IV – Contrato Internacional Passport Advantage (IPAA) 118878315

Anexo V – Acordo Internacional de Licenciamento de Programa (IPLA) 118878334

Anexo VI – Licença de Subscrição 118878400

Anexo VII – Contrato de Serviços em Nuvem (CSA) 118878420

Anexo VIII – Termos Gerais para as Ofertas de Nuvem 118878437

Anexo IX – Descrição de Serviço – IBM Cloud (Nuvem Pública) 118878489

Anexo X – Segurança de Dados e Princípios de Privacidade da IBM 118878500

Anexo XI – Regras de Confidencialidade de Informações 118878507

**1.2.** O objeto deste Acordo compreende: (i) Licença de Uso dos Programas de Computador em que a **IBM** é titular ou de que está autorizada a licenciar; (ii) Subscrição & Suporte de Software **IBM**, e; (iii) Serviços em Nuvem **IBM**.

**1.2.1.** Este Acordo compreende termos e condições previstos no Contrato Internacional Passport Advantage (IPAA), no International Program License Agreement (IPLA) e no Contrato de Serviços em Nuvem (CSA). Condições adicionais, que venham a complementar e/ou substituir estes durante a vigência do Acordo, poderão ser praticadas após avaliação e concordância pelas partes envolvidas. Na hipótese de não concordância da PRODEMGE, este Acordo será rescindido conforme condições previstas na cláusula 6.2.

**1.2.2.** Os serviços de nuvem e seus recursos estão descritos em Documentos de Transação (TD), que deverão ser fornecidos à **PRODEMGE** pela **IBM** ou seu Parceiro Comercial (através do Contrato de Operacionalização) quando houver avaliação e estudo de projetos ou demandas, conforme produtos e serviços envolvidos, nas condições do Item 2.4.

**1.3.** A assinatura do presente Acordo pelas partes não implica em compromisso de aquisição de qualquer produto ou serviço especificado neste instrumento e não gerará quaisquer obrigações para nenhuma das partes até que um contrato específico seja assinado.

**1.4.** Os produtos e serviços objetos deste Acordo serão contratados por meio de instrumento (s) específico (s) denominado (s) Contrato (s) de Operacionalização do Acordo, nos termos da Lei Federal nº 13.303 de 30 de junho de 2016 e suas alterações.

**1.5.** Quando aplicável, a **IBM** proverá instalações e outros recursos necessários para processamento dos serviços em nuvem da **PRODEMGE** aos seus Clientes, bem como dos “Guias do Usuário e Utilização” bem como da respectiva documentação para suportar tais serviços.

**1.6.** O Cliente fornecerá hardware, software e conectividade para acessar e usar os Serviços em Nuvem, incluindo qualquer endereço de URL específico requerido pelo Cliente e certificados associados. Responsabilidades adicionais somente serão praticados pela **PRODEMGE** após avaliação e concordância das condições.

**1.7.** Não fazem parte do escopo previsto neste instrumento: ofertas de “*Hardware*”, ofertas de serviços cujo funcionamento dependa de algum “*appliance*”, bem como aqueles produtos e/ou serviços disponibilizados no ambiente “*Marketplace*” não pertencentes à **IBM**, ou que a **IBM** não tenha a exclusividade do fornecimento.

**1.8.** A qualquer tempo, durante a vigência do Acordo, caso **IBM** altere seu modelo de negócio ou políticas referentes ao fornecimento de licenças e serviços, este (a) somente será praticado (a) pela **PRODEMGE** após sua análise e expressa concordância. PRODEMGE aceita as mudanças ao fazer novos pedidos após a data de vigência de tais alterações ou ao permitir transações de renovação após o recebimento da notificação de mudança.

**1.9.** A **PRODEMGE** poderá requerer condições adicionais para entrega dos produtos e prestação dos serviços, por meio do (s) Contrato (s) de Operacionalização, as quais dependerão de concordância por parte da **IBM** ou de seu Parceiro Comercial.

## II - CONDIÇÕES COMERCIAIS

**2.1.** A Tabela de Produtos e Serviços, prevista no Anexo I do presente Acordo, tem seus valores expressos em Reais, incluindo todos os tributos aplicáveis, todos eles referentes à época da assinatura do Acordo, e serão atualizados anualmente, ou sempre que houver necessidade de forma a refletir as atualizações dos produtos segundo a política mundial do fabricante.

**2.2.** Os preços para o fornecimento de licenças de uso, subscrição, manutenção e suporte técnico de licenças de uso de programas de computador de tecnologia **IBM**, bem como os serviços de processamento em nuvem **IBM**, realizadas a qualquer tempo durante a vigência deste Acordo, deverão ser calculados de acordo com os valores ofertados na Tabela de

Produtos, Serviços e Preços **IBM**, observadas as regras estabelecidas neste Acordo e seus Anexos, aplicando-se os descontos adicionais abaixo:

| Item           | Descrição                                                                                              |                                                                                                                                                        | Desconto sobre a Tabela de Produtos, Serviços e Preços IBM (%) |
|----------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <b>Grupo A</b> | Cessão de licenças de uso por tempo indeterminado incluindo subscrição da manutenção e suporte técnico | IPAA ( <i>Passport Advantage</i> ) licenças fornecidas em caráter perpétuo, subscrição da manutenção e suporte técnico (S&S)                           | <b>10%</b><br>(dez por cento)                                  |
| <b>Grupo B</b> | Cessão de licenças de uso e serviços de processamento em nuvem por tempo determinado, via subscrição   | SaaS ( <i>Software as a Service</i> ); CSA ( <i>Cloud Service</i> ) – Plataforma de Licenças e Serviços de Processamento em Nuvem (IBM Cloud Platform) | <b>1%</b><br>(um por cento)                                    |

2.3. Os **descontos** previstos no item 2.2 deverão ser conhecidos e obedecidos pelos Parceiros **IBM** e devem ser aplicados linearmente sobre as respectivas Tabelas de Serviços e Preços (Anexo I).

2.4. Caberá ao Parceiro **IBM** recolher todos os tributos incidentes na transação, sejam eles Federais, Estaduais ou Municipais. Não caberá à **PRODEMGE** a cobrança de quaisquer outras taxas ou emolumentos.

2.5. Caso ocorra oferta oficial mais vantajosa dos produtos e/ou serviços **IBM**, no mercado brasileiro, no momento da contratação e o preço praticado na promoção for inferior aos preços a serem faturados, a **PRODEMGE** pagará o preço da oferta mais vantajosa, desde que aceitas as condições da mesma.

2.5.1. Caso a **IBM** venha a conceder desconto especial e/ou adicional para produto/serviço de determinado projeto ou sistema, tal desconto também deverá ser aplicado para renovação da manutenção, subscrição ou suporte técnico, caso os requisitos da oferta se apliquem aos produtos e/ou serviços deste acordo.

2.5.2. De acordo com as características de cada produto/serviço, são aplicados descontos base diferenciados, conforme Anexo I, no formato abaixo indicado:

2.5.2.1. Licenças Permanentes, Renovações e Restabelecimentos (*On Premises*)

2.5.2.2. Serviços em Nuvem (*Software as a Service – SaaS*)

2.5.2.3. Serviços de Processamento em Nuvem (*IBM Cloud Platform*)

2.5.2.4. Produtos com licenciamento passíveis de *Royalties* e/ou Restritos, conforme política mundial do fabricante.

2.5.2.5. Reduções de preços nas aquisições em volume das Unidades de Crédito em Nuvem (UCN), conforme tabela contida no Anexo I.

2.5.3. A Tabela de Produtos e Serviços atualizada deverá ser encaminhada por meio eletrônico, no formato original **IBM** e no formato requisitado pela **PRODEMGE** (Planilha Excel a ser apresentada após assinatura deste Acordo).

2.5.3.1. A **PRODEMGE** terá o prazo de 60 (sessenta) dias a partir da data de recebimento da Tabela para validação e concordância da sua aplicação;

2.5.3.2. Qualquer atualização na(s) tabela de serviços e preços original da IBM, a que título for, deve refletir na tabela "Excel" enviada para a **PRODEMGE** contendo um comparativo (%) entre os valores novos e os anteriores além de sinalizar os produtos e/ou serviços "introduzidos", "removidos" e um breve comentário sobre o motivador de tais alterações.

2.5.3.3. Durante o prazo de validação da Tabela, e no período entre a rejeição da tabela pelo **PRODEMGE** e a rescisão do Acordo, se houver alguma oportunidade de negócio, os preços a serem aplicáveis serão

aqueles que as partes vierem a acordar para aquela oportunidade específica;

2.5.3.4. Caso a **PRODEMGE** não se manifeste dentro do prazo de 60 (sessenta) dias supra referido, a nova Tabela será considerada válida. A **IBM** deverá ser informada sobre a validação da lista através de envio de e-mail ao ponto focal de atendimento a clientes Governo;

2.5.3.5. A cada envio da Tabela de Produtos e Serviços atualizada, no caso de discordância, a **PRODEMGE** poderá rescindir o presente Acordo nos termos da Cláusula 6.2 abaixo;

2.5.3.6. Caso a **IBM** não envie a Tabela de Produtos e Serviços atualizada, serão considerados os valores da última lista enviada para aquisição dos produtos;

2.5.3.7. Cabe à **IBM** informar que a Tabela inclui todos os seus atuais produtos e serviços, o que não implica que necessitam ser contratados conjuntamente. Ao contrário, a exclusivo critério da **PRODEMGE**, de forma a viabilizar a livre concorrência entre os parceiros comerciais certificados, é possível segregar quantos lotes forem necessários para se buscar a melhor contratação possível.

2.6. Sempre que requisitado pela **PRODEMGE**, a **IBM** deverá apresentar documentação técnica atualizada dos produtos e serviços, incluindo licenciamentos e funcionalidades.

2.6.1. Para fins de referência, informações de licença poderão ser encontradas no

<http://www.ibm.com/software/passportadvantage>

2.6.2. É de responsabilidade da **IBM** apresentar todos os Documentos de Transação necessários para esclarecimentos sobre os serviços ofertados, sua utilização e a conformidade dos produtos e serviços a serem contratados.

2.7 A **PRODEMGE** deverá observar as quantidades de licenciamento adquiridas nos termos do Contrato de Operacionalização do Acordo, podendo apenas fazer uma cópia de segurança de cada mídia de programa. A **PRODEMGE** poderá, entretanto, manter licenças de back-up que respeitem a política corporativa da IBM.

### III – GARANTIAS E PROPRIEDADE INTELECTUAL

3.1. A **IBM** garante que os programas licenciados para a **PRODEMGE** operarão, em todos os aspectos essenciais, da forma descrita na respectiva documentação, durante um ano após lhe terem sido entregues (mídia física ou download eletrônico), observado o escopo do S&S (Suporte e Subscrição) nos termos de licenciamento aplicável. A **IBM** também garante que o S&S será fornecido de maneira profissional, consistente com os termos de licenciamento aplicáveis. A **PRODEMGE** deve notificar a **IBM** sobre quaisquer deficiências no fornecimento do S&S, conforme procedimento previsto nas informações de licença. Ressalvadas as garantias mencionadas, a **IBM** não assegura que os programas operarão sem erros ou sem interrupção, nem que a **IBM** corrigirá todos os erros dos programas que sejam utilizados em conflito com a respectiva documentação ou fora de seu escopo.

3.2. Para qualquer descumprimento das garantias mencionadas no Item 3.1 acima, a **IBM** através dos seus parceiros oficiais, se responsabilizará por:

- a) Reparar o software ou serviço contratado;
- b) Substituir o software ou serviço por outro substancialmente com as mesmas funcionalidades;
- c) Autorizar o cancelamento do pedido junto ao parceiro detentor do Contrato de Operacionalização deste Acordo. e reembolsar a **PRODEMGE** pelo valor integralmente pago, corrigido pela variação do índice IPC-FIPE ou na extinção deste, por outro índice que venha a substituí-lo por lei.

3.3. A **IBM** obriga-se a manter o fornecimento do SUPORTE aos softwares **IBM** pela **PRODEMGE**, e na eventualidade de descontinuidade destes (fim de suporte), deverá manter os serviços pelo prazo de 24 (vinte e quatro) meses, conforme consta no link <https://www-01.ibm.com/software/support/lifecycle/>, o qual pode ser consultado a qualquer momento pela **PRODEMGE**.

**3.4. A PRODEMGE** poderá requisitar serviços de Suporte Técnico *On Site*, em situações excepcionais, para recomendações de melhores práticas de instalação, configuração, utilização de seus produtos, estabilidade e otimização dos ambientes operacionais, entre outros. As condições para viabilizar as contratações de tais serviços serão definidas em instrumentos de execução (contratos de operacionalização), em casos de necessidade.

**3.5.** Na hipótese de um terceiro ajuizar demanda contra a **PRODEMGE** alegando que um Produto **IBM** adquirido conforme este Acordo infringe patente ou direito autoral, a **IBM** concorda em defender o Cliente contra tal demanda, sob as condições de que o Cliente imediatamente (i) notifique a **IBM** por escrito da demanda, (ii) forneça as informações solicitadas pela **IBM**, e (iii) permita que a **IBM** controle,

e com ela coopere, a condução da defesa e realização de acordo, incluindo-se esforços para mitigação de perdas.

**3.6.** A **IBM** não tem qualquer responsabilidade por reclamações baseadas, total ou parcialmente (i) Produtos Não **IBM**, itens não fornecidos pela **IBM** ou (ii) violação da lei ou de direitos de terceiros por conteúdo, materiais, designs, especificações do Cliente ou uso e de um release ou versão não atual de Produto **IBM** quando tal reclamação pudesse ser evitada pelo uso de um release ou versão atual do Produto **IBM**.

#### IV – RESPONSABILIDADES

**4.1.** Uma vez que este acordo não objetiva o estabelecimento de um relacionamento comercial entre as partes, fica entendido que a **PRODEMGE** e o **Cliente** terão de cumprir com toda e qualquer lei de licitação no Brasil, de forma a proceder com a aquisição dos produtos e serviços diretamente da **IBM** ou de seus Parceiros Comerciais autorizados.

**4.2.** Considerando que a **IBM** e seus Parceiros Comerciais autorizados são entidades legais não relacionadas à **PRODEMGE** ou ao **CLIENTE** por este instrumento expressamente reconhece que a **IBM** não poderá ser considerada responsável perante a **PRODEMGE**, o **Cliente** ou qualquer terceiro por: (a) quaisquer ações ou omissões dos Parceiros Comerciais da **IBM**, (b) qualquer descumprimento do(s) contrato(s) de operacionalização do acordo; (c) qualquer violação à lei de licitações ou quaisquer outras leis aplicáveis; (d) quaisquer produtos e serviços adicionais fornecidos pelos Distribuidores ou Revendedores.

**4.3.** A **PRODEMGE** não poderá:

a) Ceder ou alugar licenças para terceiros. A Transferência de licenças para terceiros será aceita nos termos de uso do produto adquirido e/ou condições especiais previstas no instrumento transacional formalizado entre as Partes. t.

b) Revender, reproduzir, transferir, ceder, efetuar engenharia reversa, desmontar, “descompilar” ou utilizar-se de quaisquer meios para a obtenção do respectivo código fonte.

**4.4.** A **PRODEMGE** compromete-se, na utilização de software de propriedade intelectual da **IBM**, a não os alterar, copiar, modificar, “desassemblar”, “descompilar”, estudar ou torná-los objeto de engenharia reversa, montagem reversa, compilação reversa, traduzir, usar quaisquer dos elementos do material **PRODEMGE** relacionado de forma separada do produto.

**4.5.** Os produtos que integram o Anexo I – “Tabela de Produtos PPA, Preços e Serviços em Nuvem IBM”, durante sua vigência contratual e sob as penas da lei, poderão ser objeto de demonstração (Teste de Produtos), pelo período máximo de 90 dias, conforme os termos e condições gerais indicados no Anexo III - Contrato Internacional de Licença para Avaliação de Programas, assim como eventuais termos específicos que se fizerem necessários no momento da formalização do documento hábil.

**4.6.** Para realização de Testes de Produtos e Serviços nos termos do item 3.1 acima, é necessária prévia solicitação formal por parte da **PRODEMGE** à **IBM** com antecedência mínima de 30 (trinta) dias, devendo a **IBM** anuir expressamente com a solicitação, ficando desde já estabelecido que a **IBM** se reserva no direito de se recusar, a seu critério, a realizar Testes de Produtos e/ou Serviços.

## V – AUDITORIA

**5.1.** A verificação do cumprimento das condições de licenciamento será realizada, preferencialmente, mediante relatório de conformidade ou documentação comprobatória fornecida pela PRODEMGE, sem necessidade de auditoria in loco ou de acesso direto ao ambiente.

**Parágrafo único.** Somente em situações excepcionais, devidamente justificadas por motivos técnicos e jurídicos, poderá ser considerada a realização de auditoria física ou lógica, a qual dependerá de autorização expressa da PRODEMGE e deverá observar os princípios da administração pública, da razoabilidade, da finalidade e da segurança da informação.

**5.1.1.** Na hipótese de realização de auditoria física ou lógica, deverão ser rigorosamente observadas as seguintes premissas:

- a)** A IBM, ou quem por ela for designado, poderá realizar a auditoria nas instalações da PRODEMGE em até 01 (um) ano após o término da vigência deste Acordo, exclusivamente para fins de verificação do cumprimento das condições contratuais;
- b)** A auditoria deverá ser previamente comunicada à PRODEMGE, com antecedência mínima de 30 (trinta) dias, de forma formal e detalhada;
- c)** A realização da auditoria ocorrerá mediante comum acordo entre as partes, buscando-se o menor impacto possível sobre as operações rotineiras da PRODEMGE;
- d)** O trabalho da IBM nas dependências da PRODEMGE será necessariamente acompanhado por profissionais designados pela própria PRODEMGE;
- e)** É vedado o uso de agentes de rede, softwares ou quaisquer ferramentas externas ao ambiente tecnológico da PRODEMGE para coleta de dados e informações;
- f)** Todos os dados e informações obtidos durante a auditoria deverão ser tratados com sigilo absoluto, nos termos da Cláusula VII deste Acordo;
- g)** Os custos decorrentes da alocação de recursos por parte da PRODEMGE para o atendimento à auditoria serão objeto de negociação prévia entre as partes.

## VI – VIGÊNCIA E RESCISÃO

**6.1.** O prazo do presente Acordo é de 60 (sessenta) meses a contar da data de sua assinatura.

**6.2.** Este Acordo poderá ser rescindido por quaisquer das partes, imotivadamente e a qualquer tempo, bastando apenas que a denunciante notifique a outra parte de sua intenção com antecedência mínima de 30 (trinta) dias, observada a cláusula 6.3. A rescisão deste acordo não implicará no encerramento de todo o SUPORTE e SUBSCRIÇÃO (S&S) previamente contratado decorrentes deste Acordo.

**6.3.** Este Acordo será rescindido a partir da data do requerimento da falência, liquidação ou recuperação judicial, conforme o caso.

**6.4.** Fica garantida a aplicação de todas as condições comerciais descritas neste Acordo para todas as contratações ocorridas até o último dia de vigência deste. Ainda que os efeitos de referidas contratações e a validade dos certificados ultrapassem esta vigência, **IBM** permanecerá obrigada a cumprir todas as obrigações ora assumidas.

## VII – SIGILO

**7.1.** As informações confidenciais reveladas de uma Parte à outra na execução deste Acordo serão regidas pelos termos e condições constantes do Anexo XI deste Acordo.

**7.2.** A **IBM** está obrigada a manter sigilo absoluto em relação aos dados e informações obtidas de qualquer forma ou fornecidas pela **PRODEMGE**, pelo **Cliente** da **PRODEMGE**, e não divulgará, copiará, fornecerá, nem mencionará as referidas informações a terceiros, bem como a qualquer pessoa direta ou indiretamente relacionadas à **IBM** durante a vigência deste Acordo e após o seu término por 5 (cinco) anos, uma vez que tais informações pertencem exclusivamente à **PRODEMGE** e aos Clientes da **PRODEMGE**.

**7.3. Verificação de Conformidade:**

- a) Para o devido cumprimento, pela **PRODEMGE**, do Item 1.12 do Anexo IV (Contrato Internacional *Passport Advantage*) do presente instrumento, a **IBM** emitirá comunicação formal para ajustes das informações solicitadas referentes a esse procedimento.

**VIII – DISPOSIÇÕES GERAIS**

- 8.1.** Este Acordo reflete a íntegra do pactuado pelas partes com relação ao seu objeto, incorporando as discussões e negociações, prevalecendo sobre quaisquer escritos ou tratativas havidas anteriormente entre as partes, inclusive no que diz respeito aos seus Anexos.
- 8.2.** A **IBM** garante que todos e quaisquer produtos comercializados e serviços prestados sob este Acordo estão em conformidade com as respectivas especificações contidas nos documentos proprietários que os acompanham.
- 8.3.** Na eventualidade de alguma linha de produto e/ou serviço e/ou ativo da **IBM** ser alienado, cedido, transferido e/ou incorporado de qualquer forma por terceiros, exceto no caso de sucessão empresarial descrita no item 8.4 abaixo, os termos deste acordo não serão imputáveis ao novo titular da linha de produto/serviços/ativo, e a **IBM** poderá excluir os produtos desta linha e/ou serviço transferido, mas deverá cumprir com as condições e garantias que porventura sejam de sua responsabilidade das contratações já realizadas e vigentes.
- 8.4.** O presente Acordo obriga as partes, por si e por seus eventuais sucessores na gestão, a título universal ou singular.
- 8.5.** Este Acordo somente poderá ser alterado mediante assinatura de Termo Aditivo por ambas as partes.
- 8.6.** Este Acordo não poderá ser total ou parcialmente cedido ou transferido por qualquer das partes sem o prévio consentimento, por escrito, da outra parte.
- 8.7.** As partes acordaram independentemente, sendo certo que nenhuma das partes detém qualquer poder para obrigar ou representar a outra. Nenhuma disposição deste Acordo poderá ser interpretada de modo a implicar sociedade, "joint venture", representação comercial ou qualquer outra relação entre as partes além do disposto neste instrumento.
- 8.8.** Em hipótese alguma a omissão ou tolerância de qualquer das partes em exigir o estrito cumprimento das disposições ora acordadas ou em exercer qualquer direito decorrente deste Acordo constituirá novação, transação ou renúncia e, tampouco, afetará o direito da referida parte de, a qualquer tempo, exigir o cumprimento das disposições e/ou exercer seus direitos.
- 8.9.** No que diz respeito às obrigações contratuais e limitação de responsabilidades, aplicar-se-ão os termos dispostos nos respectivos Contratos de Operacionalização do Acordo, sempre de acordo com a Legislação Brasileira.

**IX - FORO**

- 9.1.** As partes elegem o foro da Comarca de Belo Horizonte, Estado de Minas Gerais, como único competente para conhecer e dirimir quaisquer questões oriundas do presente Acordo, com expressa renúncia de qualquer outro foro, por mais privilegiado que seja.

E por estarem assim, justas e contratadas, as partes assinam este Acordo em 2 (duas) vias de igual teor e forma na presença das 2 (duas) testemunhas abaixo assinadas.

Belo Horizonte, data da assinatura digital.

## COMPANHIA DE TECNOLOGIA DA INFORMAÇÃO DO ESTADO DE MINAS GERAIS - PRODEMGE

Cassio Luiz Matoso de Oliveira  
Diretor  
Diretoria de Operações e Infraestrutura

Roberto Tostes Reis  
Diretor-Presidente  
Presidência

## IBM BRASIL - INDÚSTRIA MÁQUINAS E SERVIÇOS LTDA

Oswaldo Joaquim Ferreira Junior

Testemunha 1: Ivan de Miranda Sá - CPF 499.527.496-00

Testemunha 2: Kassius Caxito de Vasconcelos - CPF 543.494.196-91



Documento assinado eletronicamente por **Roberto Tostes Reis, Diretor Presidente**, em 31/07/2025, às 15:00, conforme horário oficial de Brasília, com fundamento no art. 6º, § 1º, do [Decreto nº 47.222, de 26 de julho de 2017](#).



Documento assinado eletronicamente por **Cassio Luiz Matoso de Oliveira, Diretor**, em 01/08/2025, às 11:26, conforme horário oficial de Brasília, com fundamento no art. 6º, § 1º, do [Decreto nº 47.222, de 26 de julho de 2017](#).



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| Moeda | Meses | Forma de Distribuição                          | Familia | Contrato Acordo | Nome do Produto                                                                                                                                                | Part Number | Preço        | Tipo de Licença          |
|-------|-------|------------------------------------------------|---------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|--------------------------|
| Real  | 12    | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | Candidate Sourcing with ThisWay Global Authorized User Advanced Support per Annum                                                                              | E0G95ZX     | 44,76        | Saas                     |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | Financial Transaction Manager for Immediate Payments for Red Hat OpenShift Resource Value Unit Advanced Support Subscription License                           | Z28SZLL     | 65.214,24    | Saas                     |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | Financial Transaction Manager for Immediate Payments for Red Hat OpenShift Resource Value Unit Extended Support Subscription License                           | X28SZLL     | 87.161,34    | Saas                     |
| Real  | 12    |                                                | PPA     | 7831            | Hazelcast In-Memory Computing Platform for IBM Cloud Paks 5 Managed Virtual Server per Data Center Annual SW Subscription and Support Renewal                  | E0R25LL     | 466.375,88   | Manutenção após Vigência |
| Real  | 12    |                                                | PPA     | 7831            | Hazelcast In-Memory Computing Platform for IBM Cloud Paks Unlimited MVSS per Named Use Case per Data Center Install Annual SW Subscription and Support Renewal | E0R2ALL     | 1.165.942,82 | Manutenção após Vigência |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | IBM Archive and Essence Manager Pak Fast Start Architecture Consulting Engagement Remotely Delivered SW Services                                               | D0866ZX     | 47.029,50    | Saas                     |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | IBM Archive and Essence Manager Pak Fast Start Client Training Engagement Remotely Delivered SW Services                                                       | D0867ZX     | 47.029,50    | Saas                     |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | IBM Archive and Essence Manager Pak Fast Start Configuration Engagement Remotely Delivered SW Services                                                         | D0868ZX     | 37.623,60    | Saas                     |
| Real  | 12    |                                                | PPA     | 7831            | IBM Automation Foundation Resource Unit Annual Software Subscription and Support Renewal                                                                       | E054HZX     | 16.472,87    | Manutenção após Vigência |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | IBM Business Automation Content Services on Cloud Additional Non-Prod Environment Concurrent User Advanced Support per Month                                   | E0DX6ZX     | 65,30        | Saas                     |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | IBM Business Automation Content Services on Cloud Additional Non-Prod Environment Concurrent User Overage                                                      | D00H8ZX     | 544,09       | Saas                     |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | IBM Business Automation Content Services on Cloud Additional Non-Prod Environment Concurrent User per Month                                                    | D00H7ZX     | 435,27       | Saas                     |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | IBM Business Automation Content Services on Cloud Additional Non-Prod Environment Enterprise Records Add On Concurrent User Overage                            | D01BEZX     | 640,46       | Saas                     |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | IBM Business Automation Content Services on Cloud Additional Non-Prod Environment Enterprise Records Add On Concurrent User per Month                          | D01BDZX     | 509,88       | Saas                     |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | IBM Business Automation Content Services on Cloud Additional Prod Environment Concurrent User Overage                                                          | D00H5ZX     | 1.106,82     | Saas                     |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | IBM Business Automation Content Services on Cloud Additional Prod Environment Concurrent User per Month                                                        | D00H4ZX     | 882,97       | Saas                     |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | IBM Business Automation Content Services on Cloud Additional Prod Environment Enterprise Records Add On Concurrent User Overage                                | D01BGZX     | 1.293,36     | Saas                     |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | IBM Business Automation Content Services on Cloud Additional Prod Environment Enterprise Records Add On Concurrent User per Month                              | D01BFZX     | 1.032,20     | Saas                     |
| Real  | 1     | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas    | 7831            | IBM Business Automation Content Services on Cloud API Call Thousand API Calls Advanced Support per Month                                                       | E0DXIZX     | 4,67         | Saas                     |

|      |   |                                                |      |      |                                                                                                                        |         |           |      |
|------|---|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------|---------|-----------|------|
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud API Call Thousand API Calls Overage                                  | D00H2ZX | 38,86     | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud API Call Thousand API Calls per Month                                | D00H1ZX | 31,09     | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud Enterprise Concurrent User Advanced Support per Month                | E0DX7ZX | 167,27    | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud Enterprise Concurrent User Overage                                   | D00H0ZX | 1.392,85  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud Enterprise Concurrent User per Month                                 | D00GZZX | 1.113,04  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud Enterprise Records Add On Concurrent User Advanced Support per Month | E0DX8ZX | 195,88    | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud Enterprise Records Add On Concurrent User Overage                    | D01BIZX | 1.461,25  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud Enterprise Records Add On Concurrent User per Month                  | D01BHZX | 1.305,80  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud Express Concurrent User Advanced Support per Month                   | E0DX9ZX | 350,08    | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud Express Concurrent User Overage                                      | D00HBZX | 2.916,29  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud Express Concurrent User per Month                                    | D00HAZX | 2.331,79  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud Service Level Agreement                                              | D00HCZX | 0,00      | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation on Cloud Additional Memory 16 Gigabytes Advanced Support per Month                             | E0DXAZX | 127,78    | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation on Cloud Additional Memory 16 Gigabytes per Month                                              | D00H3ZX | 851,88    | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation on Cloud Additional Storage Terabyte Advanced Support per Month                                | E0DXBZX | 1.604,27  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation on Cloud Additional Storage Terabyte per Month                                                 | D00H6ZX | 10.695,13 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation on Cloud Archive Storage Terabyte Advanced Support per Month                                   | E0DXJZX | 254,94    | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation on Cloud Archive Storage Terabyte per Month                                                    | D00H9ZX | 1.697,54  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation on Cloud VPN Connection Advanced Support per Month                                             | E0DXCZX | 1.374,20  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation on Cloud VPN Connection per Month                                                              | D00HDZX | 9.140,61  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Additional Cloud Object Storage Terabyte Advanced Support per Month          | E0EYEZX | 389,25    | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Additional Cloud Object Storage Terabyte per Month                           | D20J0LL | 2.592,95  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Additional Memory 16 Gigabytes Advanced Support per Month                    | E0EYFZX | 279,81    | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Additional Memory 16 Gigabytes per Month                                     | D20J1LL | 1.865,43  | Saas |

|      |    |                                                |      |      |                                                                                                                                     |         |           |                           |
|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Additional Non-prod Environment Concurrent User Advanced Support per Month                | E0EYGZX | 68,71     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Additional Non-production Environment Concurrent User Overage                             | D20JILL | 577,67    | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Additional Non-production Environment Concurrent User per Month                           | D20JHLL | 458,90    | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Additional Prod Environment Concurrent User Advanced Support per Month                    | E0EYHZX | 138,04    | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Additional Production Environment Concurrent User Overage                                 | D20JKLL | 1.144,13  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Additional Production Environment Concurrent User per Month                               | D20JULL | 920,28    | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Additional Storage Terabyte Advanced Support per Month                                    | E0EYIZX | 4.477,03  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Additional Storage Terabyte per Month                                                     | D20IZLL | 29.846,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Enterprise Concurrent User Advanced Support per Month                                     | E0EYJZX | 275,47    | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Enterprise Concurrent User Overage                                                        | D20JGLL | 2.294,48  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Enterprise Concurrent User per Month                                                      | D20JFLL | 1.834,34  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Express Concurrent User Advanced Support per Month                                        | E0EYKZX | 284,79    | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow on Cloud Service Level Agreement                                                                   | D20IXLL | 0,00      | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Call Center for Commerce User Value Unit Annual SW Subscription & Support Renewal                                               | E0J5JLL | 1.321,84  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Call Center for Commerce User Value Unit from Competitive Product Trade Up License + SW Subscription & Support 12 Months        | D13CULL | 3.310,26  | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Call Center for Commerce User Value Unit License + SW Subscription & Support 12 Months                                          | D13CSLL | 6.559,05  | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Call Center for Commerce User Value Unit Monthly License                                                                        | D185DLL | 314,78    | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Call Center for Commerce User Value Unit SW Subscription & Support Reinstatement 12 Months                                      | D13CTL  | 3.971,18  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Cost and Asset Management for Private Clouds Virtual Processor Core Annual SW Subscription & Support Renewal              | E0PNKLL | 559,65    | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Cost and Asset Management for Public Clouds Currency Value Unit Subsequent Fixed Term License + SW Subscription & Support | E0PNHLL | 9.330,65  | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for DataStax Enterprise 10 IOPS Gigabyte-Month Pay per Use                                                      | D02K5ZX | 3,00      | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for DataStax Enterprise Backup Storage 100 Gigabyte-Months Pay per Use                                          | D02K7ZX | 15,51     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for DataStax Enterprise RAM Gigabyte-Month Pay per Use                                                          | D02K8ZX | 51,70     | Saas                      |

|      |    |                                                |      |      |                                                                                                                                   |         |            |                           |
|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------|---------|------------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for DataStax Enterprise Rollup Pay per Use                                                                    | D0F1HZX | 0,00       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for DataStax Enterprise Service Level Agreement                                                               | D02K6ZX | 0,00       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for DataStax Enterprise Virtual Processor Core Pay per Use                                                    | D02K9ZX | 517,00     | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Expert Labs Migration Services Engagement Remotely Delivered Garage Services                                            | D07IRZX | 48.693,75  | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud GitLab Ultimate for IBM zOS Authorized User SUBSCRIPTION LICENSE                                                        | D05UXZX | 971,94     | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CPQ-Standard Edition-AddOn-Data Storage Terabyte Advanced Support per Month                                                   | E0DY5ZX | 4.103,95   | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CPQ-Standard Edition-AddOn-Direct Connect to SoftLayer 1 GB Instance Advanced Support per Month                               | E0DY6ZX | 13.058,01  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CPQ-Standard Edition-AddOn-Direct Connect to SoftLayer 10 GB Instance Advanced Support per Month                              | E0DY7ZX | 25.680,75  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CPQ-Standard Edition-AddOn-Integration Environment Instance Advanced Support per Month                                        | E0DY8ZX | 10.259,87  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CPQ-Standard Edition-AddOn-Recovery Time Objective Instance Advanced Support per Month                                        | E0DY9ZX | 2.798,15   | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CPQ-Standard Edition-AddOn-Test Environment Instance Advanced Support per Month                                               | E0DYAZX | 13.058,01  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CPQ-Standard Edition-AddOn-Time Zone Support Instance Advanced Support per Month                                              | E0DYBZX | 4.663,58   | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CPQ-Standard Edition-AddOn-Virtual Private Network Instance Advanced Support per Month                                        | E0DYCZX | 4.477,03   | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CPQ-Standard Edition-Base 50 Authorized User Advanced Support per Month                                                       | E0DYDZX | 38.427,86  | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Modernization Non Production Virtual Processor Core Subscription License | D08LPZX | 2.357,75   | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Modernization Virtual Processor Core Subscription License                | D08LEZX | 3.787,44   | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Warehouse Modernization Virtual Processor Core Subscription License      | D08L3ZX | 633,33     | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Modernization Non Production Virtual Processor Core License + SW Subscription & Support 12 Months            | D0BZKZX | 93.275,18  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Modernization Virtual Processor Core License + SW Subscription & Support 12 Months                           | D0BZAZX | 187.616,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Risk Manager Application Suite for IBMZ Resource Value Unit Annual SW Subscription & Support Renewal                     | E0Q5MLL | 11.995,66  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Risk Manager Application Suite Resource Value Unit Annual SW Subscription & Support Renewal                              | E0Q5LLL | 11.995,66  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Risk Manager Server for IBMZ Install Annual SW Subscription & Support Renewal                                            | E0NYVLL | 29.954,66  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Risk Manager Server Install Annual SW Subscription & Support Renewal                                                     | E0NYULL | 29.954,66  | Manutenção após Vigência  |

|      |    |                                                |      |      |                                                                                                                                     |         |            |                           |
|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------|---------|------------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Edge Application Manager Resource Value Unit Resource Value Unit Annual SW Subscription & Support Renewal 12 Months             | E0R0HLL | 9.757,05   | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Quality Assistant Floating User Annual SW Subscription & Support Renewal                               | E0338ZX | 4.669,09   | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Quality Assistant Floating User License + SW Subscription & Support 12 Months                          | D0339ZX | 23.345,44  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Quality Assistant Floating User SW Subscription & Support Reinstatement 12 Months                      | D033BZX | 14.021,06  | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Digital Learning for Unified Governance 30 Items per Annum                                                           | D01KAZX | 77.751,12  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Ad Configuration Changes Item                                                                      | D1QZJLL | 259,30     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Channel Item Overage                                                                               | D1Q8HLL | 38,86      | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Storage 10 Gigabytes Overage                                                                       | D1Q8JLL | 11,69      | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming Channel Item Pay per Use                                                                             | D08ZMZX | 31,09      | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming Storage 10 Gigabytes Pay per Use                                                                     | D08ZNZX | 9,33       | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - IBM Cloud Pak for Integration One Week Remote Solution Build - Non-Saas Engagement Remotely Delivered SW Services | D06WSZX | 35.700,00  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Architect to Modernize for IBM Cloud Engagement Remotely Delivered Service                                          | D07IPZX | 51.450,00  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build MVP for IBM Cloud Native Applications Engagement Remote Delivery Services                                     | D1PQ0LL | 75.153,75  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build on IBM Cloud for DevSecOps Engagement Remotely Delivered Service                                              | D0G4PZX | 65.231,25  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build on IBM Cloud for Financial Services Direct Engagement Pay per Use                                             | D0GHBZX | 183.579,38 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Services for IBM Power Engagement Pay per Use                                                                 | D0GD0ZX | 89.979,75  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Services for IBM Storage Engagement Pay per Use                                                               | D0GD7ZX | 89.979,75  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build to Modernize for IBM Cloud Engagement Remotely Delivered Service                                              | D07IQZX | 65.231,25  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Expertise Connect for IBM Cloud for Regulated Industries Direct Engagement Pay per Use                              | D0GLUZX | 129.281,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Expertise Connect for IBM Cloud for Regulated Industries Engagement per Annum                                       | D0GBRZX | 551.250,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Expertise Connect for IBM Cloud Native Applications Direct Engagement Pay per Use                                   | D0GLVZX | 129.281,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Expertise Connect for IBM Cloud Native Applications Engagement per Annum                                            | D0GBPZX | 551.250,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Learn via Cloud Native Bootcamp Engagement Remote Delivery Services                                                 | D1PQ3LL | 45.937,50  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate Services for IBM Power Engagement Pay per Use                                                               | D0GD1ZX | 89.979,75  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate to IBM Cloud for Financial Services Engagement Remotely Delivered Service                                   | D0G4UZX | 48.693,75  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate to Red Hat OpenShift and IBM Cloud Satellite Direct Engagement Pay per Use                                  | D0GHIZX | 137.038,13 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Non-Production Environment Processor Value Unit Annual SW Subscription & Support Renewal                                 | E0IF9LL | 1.679,27      | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Processor Value Unit Annual SW Subscription & Support Renewal                                                            | E0IEMLL | 3.336,59      | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Digital Payments for Red Hat OpenShift Resource Value Unit Subscription License Upgrade                        | D09TZZX | 362.440,68    | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Digital Payments for Red Hat OpenShift Resource Value Unit Extended Support Subscription License               | X28T3LL | 114.124,92    | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Digital Payments for Red Hat OpenShift Resource Value Unit License + SW Subscription and Support 12 Months     | D28T0LL | 13.490.255,31 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Digital Payments for Red Hat OpenShift Resource Value Unit Monthly License                                     | D28T2LL | 658.413,00    | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Digital Payments for Red Hat OpenShift Resource Value Unit Subscription License                                | D28T3LL | 529.238,64    | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Digital Payments for Red Hat OpenShift Resource Value Unit SW Subscription & Support Reinstatement 12 Months   | D28T1LL | 8.090.955,18  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Digital Payments for Red Hat OpenShift Resource Value Unit SW Subscription and Support Renewal 12 Months       | E0R4VLL | 2.696.985,06  | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Immediate Payments for Red Hat OpenShift Resource Value Unit Subscription License Upgrade                      | D09U0ZX | 275.906,40    | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Immediate Payments for Red Hat OpenShift Resource Value Unit License + SW Subscription and Support 12 Months   | D28SWLL | 10.265.599,26 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Immediate Payments for Red Hat OpenShift Resource Value Unit Monthly License                                   | D28SYLL | 502.902,12    | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Immediate Payments for Red Hat OpenShift Resource Value Unit Subscription License                              | D28SZLL | 402.572,52    | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Immediate Payments for Red Hat OpenShift Resource Value Unit SW Subscription & Support Reinstatement 12 Months | D28SXLL | 6.161.491,56  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Immediate Payments for Red Hat OpenShift Resource Value Unit SW Subscription and Support Renewal 12 Months     | E0R4ULL | 2.052.053,85  | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FTM for Digital Payments for Red Hat OpenShift Resource Value Unit Advanced Support Subscription License                                         | Z28T3LL | 85.907,22     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage Architectural Consultancy for On-Premises and Third-party Clouds Engagement Remotely Delivered Garage Services                            | D05K0ZX | 31.237,50     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage Design Thinking Workshop for On-Premises and Third-party Clouds Engagement Remotely Del Svc                                               | D05K1ZX | 73.500,00     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage Envision and Build Engagement Remotely Delivered Service                                                                                  | D02CPZX | 633.937,50    | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage Envision Engagement Remotely Delivered Service                                                                                            | D02CLZX | 104.737,50    | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage for Cloud Architectural Consultancy Engagement Remotely Delivered Service                         | D1PQ2LL | 26.092,50  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage for Cloud Direct Architectural Consultancy Engagement Pay per Use                                 | D00VNZX | 87.889,83  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage for Cloud Direct Cloud-Native Developer Bootcamp Engagement Pay per Use                           | D00VLZX | 129.249,75 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage for Cloud Direct Design Thinking Workshop Engagement Pay per Use                                  | D00VPZX | 206.799,60 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage for Cloud Direct MVP Build Engagement Pay per Use                                                 | D00VQZX | 248.159,52 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage for Cloud Services Design Assessment Engagement Remotely Delivered Service                        | D1LH0LL | 59.167,50  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage MVP Build for On-Premises and Third-party Clouds Engagement Remotely Delivered Garage Services    | D05K2ZX | 88.200,00  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IBM Business Automation Workflow on Cloud Express Concurrent User Overage                                | D20IWLL | 2.369,10   | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IBM Business Automation Workflow on Cloud Express Concurrent User per Month                              | D20IVLL | 1.896,52   | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Big Match for Hadoop Non-Production Virtual Server Annual SW Subscription & Support Renewal   | E0KFMLL | 95.407,18  | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Big Match for Hadoop Production Virtual Server Annual SW Subscription & Support Renewal       | E0KFKLL | 192.413,36 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Insights for Weather for IBM Cloud Base per Instance Pay Per Use                                         | D1K5NLL | 155,10     | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Insights for Weather for IBM Cloud Premium PA per Instance Pay Per Use                                   | D1K5PLL | 1.551,00   | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Inspector Portable Enterprise Edition Client Device Annual SW Subscription & Support Renewal             | E04J3ZX | 9.167,62   | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Inspector Portable Standard Edition Client Device Annual SW Subscription & Support Renewal               | E04J0ZX | 1.918,80   | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Inspector Wearable Client Device Annual SW S&S Rnwl                                                      | E07BZZX | 19.188,04  | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IOT Weather Data on Cloud Maximo Asset Health Insights US Federal 100 Asset Overage                      | D1TDALL | 640,46     | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IOT Weather Data on Cloud Maximo Scheduler Plus US Federal 25000 Items Advanced Support 12 Months        | E0E45ZX | 125,91     | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Weather Data on Cloud Maximo Scheduler Plus US Federal Concurrent User Advanced Support per Month    | E0FP8ZX | 22,39      | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Weather Data on Cloud, Insights Foundation for Energy 100 Asset Advanced Support 12 Months           | E0E42ZX | 333,92     | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IOT Weather Data on Cloud, Maximo Asset Health Insights, US Federal 100 Asset Advanced Support 12 Months | E0E43ZX | 80,22      | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IOT Weather Data on Cloud, Maximo Asset Health Insights, US Federal 100 Asset Subscription per Month     | D1TD8LL | 534,76     | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Weather Data on Cloud, Maximo Scheduler Plus 25000 Items Advanced Support 12 Months                  | E0E3ZZX | 125,91     | Saas                     |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Weather Data on Cloud, Maximo Scheduler Plus Authorized User Advanced Support per Month            | E0FP5ZX | 7,46      | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Weather Data on Cloud, Maximo Scheduler Plus Authorized User Overage                               | D1UPGLL | 59,69     | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Weather Data on Cloud, Maximo Scheduler Plus Authorized User Subscription per Month                | D1UPFLL | 49,74     | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Weather Data on Cloud, Maximo Scheduler Plus Concurrent User Advanced Support per Month            | E0FP6ZX | 22,39     | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Weather Data on Cloud, Maximo Scheduler Plus Concurrent User Overage                               | D1UPILL | 179,08    | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Weather Data on Cloud, Maximo Scheduler Plus Concurrent User Subscription per Month                | D1UPHLL | 149,23    | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Weather Data on Cloud, Maximo Scheduler Plus US Federal Authorized User Advanced Support per Month | E0FP7ZX | 7,46      | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Weather Data on Cloud, Maximo Scheduler Plus, US Federal Authorized User Overage                   | D1UPKLL | 59,69     | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Weather Data on Cloud, Maximo Scheduler Plus, US Federal Authorized User Subscription per Month    | D1UPJLL | 49,74     | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Weather Data on Cloud, Maximo Scheduler Plus, US Federal Concurrent User Overage                   | D1UPMLL | 179,08    | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Weather Data on Cloud, Maximo Scheduler Plus, US Federal Concurrent User Subscription per Month    | D1UPLLL | 149,23    | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning for Automation Enterprise Subscription (Business Automation) 30 Items per Annum               | D01N9ZX | 77.751,12 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning for Automation Enterprise Subscription (Integration and Development) 30 Items per Annum       | D01NAZX | 77.751,12 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning for Automation Enterprise Subscription (Management) 30 Items per Annum                        | D01NBZX | 77.751,12 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning for Automation Individual Subscription (Business Automation) Instance per Annum               | D017MZX | 14.923,44 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning for Automation Individual Subscription (Integration and Development) Instance per Annum       | D00W4ZX | 14.923,44 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning for Automation Individual Subscription (Management) Instance per Annum                        | D017NZX | 14.923,44 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning for Data and AI Enterprise Subscription (Data Science and AI) 30 Items per Annum              | D01KWZX | 77.751,12 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning for Data and AI Enterprise Subscription (Hybrid Data Management) 30 items per Annum           | D01KYZX | 77.751,12 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning for Data and AI Individual Subscription (Data Science and AI) Authorized User per Annum       | D01KZX  | 14.923,44 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning for Data and AI Individual Subscription (Hybrid Data Management) Authorized User per Annum    | D01L1ZX | 14.923,44 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Maximo Enterprise Subscription Authorized User per Annum                                      | D09HEZX | 44.553,60 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Maximo Individual Subscription Authorized User per Annum                                      | D09HDZX | 8.568,00  | Saas |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo APM Service Level Agreement                                                                                                     | D00Q0ZX | 0,00      | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Multi-Enterprise Gateway Embeddable Client for Australian Tax Office per Connection Annual SW Subscription & Support Renewal 12 Months | E0P5ULL | 157,27    | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages as a Service Premium Capacity Unit Pay per Use                                                                               | D0GZXZX | 258,56    | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages as a Service Premium Instance Pay per Use                                                                                    | D0GZWZX | 38.784,38 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager Managed Decision Artifacts Thousand Managed Decision Artifacts Hybrid Entitlement                         | D1SHELL | 7.461,72  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager Managed Decision Artifacts Thousand Managed Decision Artifacts Overage                                    | D1SHFLL | 9.327,15  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Clou Express Instance Advanced Support per Month                                                       | E0E1VZX | 2.798,15  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Cloud Additional Environments Instance Advanced Support per Month                                      | E0E1UZX | 1.865,43  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Cloud Additional Environments Instance per Month                                                       | D1YGVLL | 12.436,20 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Cloud Express Additional Environment Instance Advanced Support per Month                               | E0E1WZX | 1.399,07  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Cloud Express Additional Environment Instance per Month                                                | D20W3LL | 9.327,15  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Cloud Express Instance per Month                                                                       | D20W2LL | 18.654,30 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Cloud Managed Decision Artifacts Thousand Managed Decision Artifacts Advanced Support per Month        | E0E1XZX | 932,72    | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Cloud Managed Decision Artifacts Thousand Managed Decision Artifacts Overage                           | D1RMDLL | 7.772,63  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Cloud Managed Decision Artifacts Thousand Managed Decision Artifacts per Month                         | D1RMCLL | 6.218,10  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Cloud Rules Decisions Million Rules Decisions Advanced Support per Month                               | E0E1YZX | 2.331,79  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Cloud Rules Decisions Million Rules Decisions Overage                                                  | D1RMBLL | 19.431,56 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Cloud Rules Decisions Million Rules Decisions per Month                                                | D1RMALL | 15.545,25 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Cloud Service Level Agreement                                                                          | D1J68LL | 0,00      | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Cloud Tier 1 Rules Instance Advanced Support per Month                                                 | E0G8AZX | 5.179,68  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager on Cloud Tier 1 Rules Instance per Month                                                                  | D1J63LL | 34.510,46 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager Rules Decisions Million Rules Decisions Hybrid Entitlement                                                | D1SHCLL | 18.654,30 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operational Decision Manager Rules Decisions Million Rules Decisions Overage                                                           | D1SHDLL | 23.317,88 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Service Tester for SOA Quality Authorized User from Competitive Trade Up License + SW Subscription & Support 12 Months        | D60RCLL | 30.700,86 | Upgrade com Manutenção   |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Service Tester for SOA Quality Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                             | D60RDLL | 19.294,64  | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Service Tester for SOA Quality Authorized User License + SW Subscription & Support 12 Months                                                                | D60RALL | 40.934,48  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Service Tester for SOA Quality Authorized User SW Subscription & Support Reinstatement 12 Months                                                            | D60RBLL | 24.574,48  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Service Tester for SOA Quality Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                        | D60NJLL | 57.564,11  | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Service Tester for SOA Quality Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                               | D0BJ1LL | 36.407,10  | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Service Tester for SOA Quality Floating User License + SW Subscription & Support 12 Months                                                                  | D60NHLL | 77.285,15  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Service Tester for SOA Quality Floating User SW Subscription & Support Reinstatement 12 Months                                                              | D60NILL | 46.214,32  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Directory Suite Standard Edition for IBM Security Verify Access Appliance Gen 2 Non-Production AOSW Virtual Server Annual SW Subscription & Support Renewal | E0NVXLL | 79.642,24  | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights Saas Service Level Agreement                                                                                                              | D0CVBZX | 0,00       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - Managed Detection and Response Essentials Client Device per Month                                                                            | D0GPBZX | 10,39      | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - Managed Detection and Response Standard Client Device per Month                                                                              | D0GPCZX | 15,55      | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Randori Attack Targeted Employee Overage                                                                                                                    | D0FFAZX | 242.505,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Randori Attack Targeted Employee per Month                                                                                                                  | D0FF9ZX | 220.120,74 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Appliance Gen2 Advanced Access Control Module AOSW Install Annual SW Subscription & Support Renewal                                           | E0NVSLL | 29.575,21  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Appliance Gen2 Advanced Access Control Module Non-Production AOSW Install Annual SW Subscription & Support Renewal                            | E0NVTLL | 14.748,56  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Appliance Gen2 Federation Module AOSW Install Annual SW Subscription & Support Renewal                                                        | E0NVULL | 61.579,59  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Appliance Gen2 Federation Module Non-Production AOSW Install Annual SW Subscription & Support Renewal                                         | E0NVVLL | 30.677,01  | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Single User Digital Learning for Unified Governance Authorized User per Annum                                                                                        | D01KBZX | 14.923,44  | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sourceworks 2060 Capacity Feature Pack 60Gbps to 75Gbps Install Annual Software Subscription and Support Renewal                                                     | E08ZSZX | 174.033,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Protect Suite - FlatTB per Terabyte SW Subscription & Support Renewal                                                                                       | E0R1XLL | 3.571,11   | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                         | E09KTLL | 4.178,73   | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                         | E09LCLL | 10.503,26  | Temporária com Manutenção |

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| Real | 12 |  | PPA | 7831 | IBM SPSS Advanced Statistics Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months | E09I5LL | 41,70     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Advanced Statistics Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                | E09I4LL | 83,72     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Amos Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                 | E09JMLL | 5.010,21  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Amos Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                 | E09JNLL | 12.528,66 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Amos for zEnterprise BladeCenter Extension Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                           | E0H4GLL | 5.010,21  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Amos for zEnterprise BladeCenter Extension Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                           | E0H4HLL | 12.528,66 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Bootstrapping Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                        | E09K1LL | 4.178,73  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Bootstrapping Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                        | E09JVLL | 10.503,26 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Categories Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                           | E09KALL | 4.178,73  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Categories Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                           | E09KLLL | 10.503,26 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Categories Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months          | E09IBLL | 41,70     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Categories Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                         | E09IALL | 83,72     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Complex Samples Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                      | E09KQLL | 4.178,73  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Complex Samples Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                      | E09KFLL | 10.503,26 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Complex Samples Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months     | E09IELL | 41,70     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Complex Samples Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                    | E09IDLL | 83,72     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Conjoint Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                             | E09KCLL | 4.178,73  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Conjoint Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                             | E09L9LL | 10.503,26 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Conjoint Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months            | E09IHLL | 41,70     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Conjoint Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                           | E09IGLL | 83,72     | Temporária com Manutenção |

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| Real | 12 |  | PPA | 7831 | IBM SPSS Custom Tables Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                     | E09KBLL | 4.178,73  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Custom Tables Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                     | E09KELL | 10.503,26 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Custom Tables Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months    | E09HZLL | 41,70     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Custom Tables Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                   | E09HFLL | 83,72     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Data Preparation Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                  | E09KILL | 4.178,73  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Data Preparation Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                  | E09KKLL | 10.503,26 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Data Preparation Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months | E09HGLL | 41,70     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Data Preparation Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                | E09HNLL | 83,72     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Decision Trees Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                    | E09KNLL | 4.178,73  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Decision Trees Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                    | E09KPLL | 10.503,26 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Decision Trees Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months   | E09HJLL | 41,70     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Decision Trees Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                  | E09HILL | 83,72     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Direct Marketing Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                  | E09K9LL | 4.178,73  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Direct Marketing Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                  | E09JTLL | 10.503,26 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Direct Marketing Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months | E09HMLL | 41,70     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Direct Marketing Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                | E09HLLL | 83,72     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Exact Tests Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                       | E09JWLL | 4.178,73  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Exact Tests Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                       | E09JXLL | 10.503,26 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Exact Tests Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months      | E09HQLL | 41,70     | Temporária com Manutenção |

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| Real | 12 |  | PPA | 7831 | IBM SPSS Exact Tests Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                    | E09HXLL | 83,72     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Forecasting Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                      | E09K0LL | 4.178,73  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Forecasting Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                      | E09K7LL | 10.503,26 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Forecasting Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months     | E09HTLL | 41,70     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Forecasting Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                    | E09HRLL | 83,72     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Missing Values Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                   | E09KSLL | 4.178,73  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Missing Values Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                   | E09K4LL | 10.503,26 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Missing Values Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months  | E09HVLL | 41,70     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Missing Values Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                 | E09HULL | 83,72     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Neural Networks Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                  | E09K8LL | 4.178,73  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Neural Networks Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                  | E09KRLL | 10.503,26 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Neural Networks Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months | E09IKLL | 41,70     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Neural Networks Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                | E09IILL | 83,72     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Regression Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                       | E09LELL | 4.178,73  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Regression Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                       | E09LBLL | 10.503,26 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Regression Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months      | E09J7LL | 41,70     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Regression Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                     | E09JPLL | 83,72     | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Statistics Base Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                  | E09L6LL | 7.518,45  | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Statistics Base Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                  | E09L3LL | 18.818,07 | Temporária com Manutenção |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months         | E09I2LL | 207,87     | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                        | E09I1LL | 418,43     | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                       | E09L2LL | 49.732,13  | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                       | E09JSLL | 124.722,23 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Professional Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                  | E09KVLL | 33.365,86  | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Professional Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                  | E09KYLL | 83.148,16  | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Premium for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months      | E09JHLL | 794,49     | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Premium Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                     | E09JFLL | 1.583,33   | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Professional for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months | E09JDLL | 543,67     | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Professional Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                | E09JBLL | 1.087,32   | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Standard for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months     | E09JALL | 334,23     | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Standard Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                    | E09J8LL | 666,57     | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                      | E09LALL | 16.629,63  | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                      | E09L7LL | 41.574,08  | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS STATS Bootstrapping Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months     | E09I8LL | 41,70      | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS STATS Bootstrapping Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                    | E09I7LL | 83,72      | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Function-Rosetta Net-Documet Per Month                                                                                        | D004TZX | 4,48       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Function-Rosetta Net-Documet Per Month Overage                                                                                | D004UZX | 5,41       | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Standard Connection Annual SW Subscription & Support Renewal                                          | E0BW9LL | 273,96     | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Standard Install Annual SW Subscription & Support Renewal | E0BVWLL | 135.915,26    | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor User Value Unit Annual SW Subscription & Support Renewal 12 Months                    | E0I2RLL | 49,97         | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising - Standard Edition 100,000 Order Lines Overage                                         | D06TEZX | 13.221.272,40 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising - Standard Edition 100,000 Order Lines Subscription Per Annum                          | D06TDZX | 881.453,04    | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Fusion Trial per 6 Terabytes Monthly License                                                                  | D0BVCZX | 0,00          | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud Salesforce with Storage Authorized User Overage                                             | D0BY9ZX | 31,09         | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud Salesforce without Storage Authorized User Overage                                          | D0BYBZX | 11,38         | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Access Edition per Petabyte Petabyte License + Software Subscription and Support 12 Months         | D2711LL | 1.311.182,46  | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Scale Data Access Edition Petabyte Subscription License                                                       | D291YLL | 49.913,98     | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Management Edition per Petabyte Petabyte License + Software Subscription and Support 12 Months     | D2715LL | 1.806.873,39  | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Supply Chain Enterprise Learning Subscription Authorized User per Annum                                               | D0CUKZX | 44.553,60     | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Supply Chain Individual Learning Subscription Authorized User per Annum                                               | D0CULZX | 8.568,00      | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Trading Manager Application Instance Annual SW Subscription & Support Renewal                 | E02SGLL | 134.849,25    | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Trading Manager Application Instance License + SW Subscription & Support 12 Months            | D58YZLL | 671.581,26    | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Trading Manager Application Instance Monthly                                                  | D1877LL | 32.105,47     | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Trading Manager Application instance SW Subscription & Support Reinstatement 12 Months        | D58Z3LL | 404.547,76    | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Trading Manager Establishment Annual SW Subscription & Support Renewal                        | E02SFLL | 804.831,51    | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Trading Manager Establishment for zSeries Monthly License                                     | D187ALL | 192.507,42    | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Trading Manager Establishment License + SW Subscription & Support 12 Months                   | D58YYLL | 4.045.477,59  | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Trading Manager Establishment Monthly License                                                 | D1878LL | 192.507,42    | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Trading Manager Establishment SW Subscription & Support Reinstatement 12 Months               | D58Z2LL | 2.430.484,56  | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Assistant 50 Concurrent Users Overage                                                                         | D02S4ZX | 12.684,92     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Assistant 50 Concurrent Users Subscription per Month                                                          | D02S3ZX | 10.570,77     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Building Insights - 2,350 SQM Item Pay per Use                                                                | D026YZX | 373,09        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Building Insights - 25,000 SQ FT Item Pay per Use                                                             | D026ZZX | 373,09        | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Building Insights Non Production with IoT Platform - 10,000 SQ FT Item per Month                                | D0270ZX | 9.327,15   | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Building Insights Non Production with IoT Platform - 950 SQM Item per Month                                     | D0271ZX | 9.327,15   | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Building Insights Production with IoT Platform - 2,350 SQM Item per Month                                       | D0272ZX | 18.654,30  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Building Insights Production with IoT Platform - 25,000 SQ FT Item per Month                                    | D0273ZX | 18.654,30  | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Turbonomic Application Resource Management On Prem Managed Virtual Server License + SW Subscriptn and Support 12 Months | D28F7LL | 6.396,01   | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics for Apparel Instance Data Subscription per Annum                                   | D05TGZX | 22.385,16  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics for Apparel Instance Remotely Delivered Data Service                               | D05TFZX | 89.540,64  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics for Dining Instance Data Subscription per Annum                                    | D05TIZX | 22.385,16  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics for Dining Instance Remotely Delivered Data Service                                | D05THZX | 89.540,64  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics for Indoor Activities Instance Data Subscription per Annum                         | D05TKZX | 22.385,16  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics for Indoor Activities Instance Remotely Delivered Data Service                     | D05TJZX | 89.540,64  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics for Outdoor Activities Instance Data Subscription per Annum                        | D05TMZX | 22.385,16  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics for Outdoor Activities Instance Remotely Delivered Data Service                    | D05TLZX | 89.540,64  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics for Pharma Instance Data Subscription per Annum                                    | D05TPZX | 31.115,40  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics for Pharma Instance Remotely Delivered Data Service                                | D05TNZX | 124.610,76 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics for Transit Instance Data Subscription per Annum                                   | D05TRZX | 18.654,36  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics for Transit Instance Remotely Delivered Data Service                               | D05TQZX | 74.617,20  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics Historical Weather Instance Data Subscription per Annum                            | D05TCZX | 18.803,52  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics Historical Weather Instance Remotely Delivered Data Service                        | D05TBZX | 75.363,36  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics Relative Triggers Instance Data Subscription per Annum                             | D05TEZX | 18.803,52  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics Relative Triggers Instance Remotely Delivered Data Service                         | D05TDZX | 75.363,36  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics with Nielsen for CPG Instance Data Subscription per Annum                          | D08GMZX | 31.115,40  | Saas                      |



|      |    |                                                |      |      |                                                                                                        |         |            |      |
|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------|---------|------------|------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Advertising Weather Analytics with Nielsen for CPG Instance Remotely Delivered Data Service | D08GNZX | 124.610,76 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson IoT Platform Advanced Security for IBM Cloud Traffic 10000 Megabyte Transmitted Pay Per Use | D1RHLL  | 67,21      | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson IoT Platform Connection and Analytics Service Capacity Level 1 Instance Pay Per Use         | D21UGLL | 12.924,98  | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson IoT Platform Connection and Analytics Service Capacity Level 2 Instance Pay Per Use         | D21UHLL | 41.359,92  | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson IoT Platform for IBM Cloud Traffic 10000 Megabyte Transmitted Pay Per Use                   | D1PYLL  | 51,70      | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson IoT Platform Subscription Device Pack 100 Average Daily Client Devices per Month            | D1BB0LL | 223,80     | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson IoT Platform Subscription Device Pack Support 100 Average Daily Client Devices per Month    | D1BBCLL | 22,44      | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson IoT Platform Subscription for IBM Cloud Service Level Agreement                             | D01EKZX | 0,00       | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson IoT Platform Subscription Instance per Annum                                                | D1BAZLL | 33.577,80  | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson IoT Platform Subscription Support Instance per Annum                                        | D1BBBLL | 3.357,72   | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson IoT Platform Subscription Traffic 100 Megabyte Transmitted per Month                        | D1BB1LL | 74,64      | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson IoT Platform Subscription Traffic Support 100 Megabyte Transmitted per Month                | D1BBDLL | 7,56       | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Add-On Daily Skill Run Hundred Events Advanced Support per Month                | E0G96ZX | 18,65      | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Add-On Daily Skill Run Hundred Events per Month                                 | D0CUMZX | 124,36     | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Add-On Skill Runs 1000 Event Advanced Support per Month                         | E0G97ZX | 139,91     | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Add-On Skill Runs 1000 Event per Month                                          | D0DQIZX | 932,72     | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Add-On Storage 25 Gigabyte Advanced Support per Month                           | E0G99ZX | 9,33       | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Add-On Storage 25 Gigabyte per Month                                            | D0DQFZX | 62,18      | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Add-On Storage Gigabyte Advanced Support per Month                              | E0G98ZX | 3,73       | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Add-On Storage Gigabyte per Month                                               | D0CUNZX | 12,44      | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Base Authorized User Advanced Support per Annum                                 | E0G9BZX | 2.238,48   | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Base Authorized User Advanced Support per Month                                 | E0G9AZX | 46,64      | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Base Authorized User per Annum                                                  | D0DQGZX | 14.923,44  | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Base Authorized User per Month                                                  | D0CUPZX | 310,91     | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Enterprise Authorized User Advanced Support per Annum                           | E0G9CZX | 4.477,08   | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Weather Company Data - Standard Weather APIs Million API Calls Advanced Support per Month          | E0E9UZX | 466,36     | Saas |

|      |    |                                                |      |      |                                                                                                                             |         |              |                           |
|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------|---------|--------------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Weather Company Data - Standard Weather APIs Million API Calls Overage                                                  | D09GGZX | 3.886,31     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Weather Company Data - Standard Weather APIs Million API Calls Subscription Per Month                                   | D09GFZX | 3.109,05     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Weather Company Data Cleaned Historical - Global 8km Precipitation 1000 Thousand API Calls Overage                      | D22VJLL | 21,02        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Weather Company Data Cleaned Historical - Global 8km Precipitation 1000 Thousand API Calls per Month                    | D22VILL | 16,79        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Weather Company Data Cleaned Historical - US 1km Precipitation 1000 Thousand API Calls Overage                          | D22VLLL | 21,02        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Weather Company Data Cleaned Historical - US 1km Precipitation 1000 Thousand API Calls per Month                        | D22VKLL | 16,79        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Weather Company Data Cleaned Historical - US 4km Precipitation 1000 Thousand API Calls Overage                          | D22VNLL | 21,02        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Weather Company Data Cleaned Historical - US 4km Precipitation 1000 Thousand API Calls per Month                        | D22VMLL | 16,79        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Weather Company Data Service Level Agreement                                                                            | D01XQZX | 0,00         | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Weather Company Max Cloud Set Up Engagement One Time Set Up                                                             | D04PJZX | 6.218,10     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Weather Company Max Mobile Premium Annual Renewed Users Authorized User Pay per Use                                     | D04PKZX | 79,28        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Weather Company Max Mobile Premium Annual Users Authorized User Pay per Use                                             | D04PLZX | 65,30        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Weather Company Max Mobile Premium Monthly Users Authorized User Pay per Use                                            | D04PMZX | 10,88        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WEATHERfx Premium Triggers Item per Month                                                                               | D01QKZX | 6.218,10     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WEATHERfx Product and Activity Triggers Item per Month                                                                  | D01QLZX | 4.197,22     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WEATHERfx Relative Conditions Triggers Item per Month                                                                   | D01QMZX | 2.083,06     | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Transformation Extender Pack for ACORD Application instance License + SW Subscription & Support 12 Months     | D6209LL | 358.176,67   | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Transformation Extender Pack for ACORD Application Instance Monthly License                                   | D1887LL | 17.056,03    | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Transformation Extender Pack for ACORD Application instance SW Subscription & Support Reinstatement 12 Months | D620ALL | 214.799,40   | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Transformation Extender Pack for ACORD Establishment License + SW Subscription & Support 12 Months            | D620BLL | 2.147.994,03 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Transformation Extender Pack for ACORD Establishment Monthly License                                          | D1888LL | 102.210,78   | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Transformation Extender Pack for ACORD per Application instance Annual SW Subscription & Support Renewal      | E049SLL | 71.955,14    | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Transformation Extender Pack for ACORD per Establishment Annual SW Subscription & Support Renewal             | E049TLL | 430.664,81   | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Transformation Extender Pack for ACORD per Establishment SW Subscription & Support Reinstatement 12 Months    | D620CLL | 1.289.862,42 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Maximum Earth Instance per Month                                                                                            | D0E1LZX | 1.554,53     | Saas                      |

|      |    |                                                |      |      |                                                                                                                                                |         |              |                           |
|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | MongoDB Enterprise Advanced with IBM 128 Gigabytes Subsequent Fixed Term License + Software Subscription and Support 12 Months                 | E0PEXLL | 575.641,08   | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | MongoDB Enterprise Advanced with IBM Non Production 128 Gigabytes Subsequent Fixed Term License + Software Subscription and Support 12 Months  | E0PF5LL | 289.419,54   | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | MongoDB Enterprise Advanced with IBM Non Production Virtual Server Subsequent Fixed Term License + Software Subscription and Support 12 Months | E0PF1LL | 43.655,92    | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | MongoDB Enterprise Advanced with IBM Virtual Server Subsequent Fixed Term License + Software Subscription and Support 12 Months                | E0PETLL | 87.412,16    | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Aviation Core Item Advanced Support per Month                                                                           | E0DV8ZX | 93,27        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Aviation Core Item Overage                                                                                              | D01W7ZX | 777,26       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Aviation Core Item per Month                                                                                            | D01W6ZX | 621,81       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Aviation Enhanced Core Item Advanced Support per Month                                                                  | E0E9WZX | 373,09       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Aviation Enhanced Core Item Overage                                                                                     | D01W9ZX | 3.109,05     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Aviation Enhanced Core Item per Month                                                                                   | D01W8ZX | 2.487,24     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Aviation Enroute Item Advanced Support per Month                                                                        | E0E9XZX | 55,96        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Aviation Enroute Item Overage                                                                                           | D01WBZX | 466,36       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Aviation Enroute Item per Month                                                                                         | D01WAZX | 373,09       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Aviation Flight Planning Item Advanced Support per Month                                                                | E0E9YZX | 279,81       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Aviation Flight Planning Item Overage                                                                                   | D01WDZX | 2.331,79     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Aviation Flight Planning Item per Month                                                                                 | D01WCZX | 1.865,43     | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Clean Historical Data Bulk Thousand API Calls Advanced Support per Annum                                                | E0ED1ZX | 932,76       | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Cleaned Historical Data Bulk Delivery Thousand API Calls per Annum                                                      | D1ZXHLL | 6.215,64     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Cleaned Historical Thousand API Calls Overage                                                                           | D1RD7LL | 33,96        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Cleaned Historical Thousand API Calls per Month                                                                         | D1RD6LL | 27,17        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Recent Lightning Strikes for Global Billion US Dollars Total Revenue Overage                                            | D1WITLL | 1.100.603,70 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Recent Lightning Strikes for Global Billion US Dollars Total Revenue per Annum                                          | D1WL3LL | 880.482,96   | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Recent Lightning Strikes for Large Region Ten Thousand API Calls Overage                                                | D1WIPLL | 4.197,22     | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Recent Lightning Strikes for Large Region Ten Thousand API Calls per Annum                                              | D1WL1LL | 3.357,72     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Recent Lightning Strikes for Local Ten Thousand API Calls Overage                                                       | D1WIKLL | 524,69       | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Recent Lightning Strikes for Local Ten Thousand API Calls per Annum                                                     | D1WKZLL | 420,12       | Saas                      |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------|---------|------------|------|
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Recent Lightning Strikes for Region Ten Thousand API Calls Advanced Support per Annum       | E0ED4ZX | 252,24     | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Recent Lightning Strikes for Region Ten Thousand API Calls Overage                          | D1WIMLL | 2.098,61   | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Recent Lightning Strikes for Region Ten Thousand API Calls per Annum                        | D1WL0LL | 1.678,92   | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Recent Lightning Strikes for Site Ten Thousand API Calls Advanced Support per Annum         | E0ED5ZX | 44,76      | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Recent Lightning Strikes for Site Ten Thousand API Calls Overage                            | D1WIILL | 209,86     | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Recent Lightning Strikes for Site Ten Thousand API Calls per Annum                          | D1WKYLL | 167,88     | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Recent Lightning Strikes for US Billion US Dollars Total Revenue Overage                    | D1WIRLL | 410.394,60 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data - Recent Lightning Strikes for US Billion US Dollars Total Revenue per Annum                  | D1WL2LL | 328.315,68 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data Cleaned Historical-US1km High Resolution Rapid Refresh Data 1000 Thousand API Calls Overage   | D020GZX | 21,02      | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data Cleaned Historical-US1km High Resolution Rapid Refresh Data 1000 Thousand API Calls per Month | D020AZX | 16,79      | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data Lightning Service Global Standard Edition Redistribution Instance per Month                   | D08CMZX | 1.361,76   | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data Lightning Service Large Regional Standard Edition Redistribution Instance per Month           | D08CNZX | 665,34     | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Data Lightning Service US Continental Standard Edition Redistribution Instance per Month           | D08CPZX | 1.013,55   | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Fusion - Global Surface Movement Item Overage                                                      | D0GS3ZX | 7.772,63   | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Fusion - Global Surface Movement Item per Month                                                    | D0GS2ZX | 6.218,10   | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Ground - Traffic Services Service Level Agreement                                                  | D020BZX | 0,00       | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Ground In Vehicle Real Time Traffic and Incidents Item Overage                                     | D1T6RLL | 30,72      | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Ground In Vehicle Real Time Traffic and Incidents Item per Month                                   | D1T6SLL | 2,05       | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Ground In Vehicle Traffic Services Service Level Agreement                                         | D020CZX | 0,00       | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Ground Real Time Traffic Flow Thousand Population Advanced Support per Month                       | E0EDEZX | 705.132,60 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Ground Real Time Traffic Flow Thousand Population Overage                                          | D1T68LL | 979.350,75 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Ground Real Time Traffic Flow Thousand Population per Month                                        | D1T69LL | 65.290,05  | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Ground Traffic Incidents Thousand Population Advanced Support per Month                            | E0EDGZX | 183.558,36 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Ground Traffic Incidents Thousand Population Overage                                               | D1T6ALL | 255.041,59 | Saas |

|      |   |                                                |      |      |                                                                                                 |         |            |      |
|------|---|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------|---------|------------|------|
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Ground Traffic Incidents Thousand Population per Month                          | D1T6BLL | 17.000,29  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max 3D Building Lighting Engagement Remotely Delivered                          | D214BLL | 26.302,56  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max 3D City Additional License Item Remotely Del Svc                            | D02RXZX | 12.436,20  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max 3D City Contiguous Item Remotely Del Svc                                    | D02RYZX | 23.628,78  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max 3D City Non-Contiguous Item Remotely Del Svc                                | D02RZZX | 23.628,78  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max 3D City Premium Imagery Item Remotely Del Svc                               | D02S0ZX | 4.663,58   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max 3D City Update Item Remotely Del Svc                                        | D02S1ZX | 18.032,49  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Cloud - Station Base Instance per Month                                     | D04NTZX | 3.295,59   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Cloud - Station Storage Upgrade Instance per Month                          | D04NUZX | 615,59     | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Complete Solution Hundred Thousand Population 12 Month Term License Only    | D1VDZLL | 8.941,63   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Complete Solution Hundred Thousand Population License Only                  | D1VDYLL | 357.540,75 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Connect Engagement Remotely Delivered Service                               | D213PLL | 6.591,19   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Connect Hundred Thousand Population 12 Month Term License Only              | D1VDTLL | 1.414,62   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Connect Hundred Thousand Population License Only                            | D1VDSLL | 56.584,71  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Continuous Play Hundred Thousand Population Saas Subscription Term License  | D2286LL | 4.663,58   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data - Canada Storm Hundred Thousand Population per Month                   | D213SLL | 10.881,68  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data - Canada Storm Redistribution Hundred Thousand Population per Month    | D08CRZX | 2.723,53   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data - US Storm Hundred Thousand Population per Month                       | D2280LL | 13.431,10  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data - US Storm Redistribution Hundred Thousand Population per Month        | D08D0ZX | 3.357,77   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Europe Hundred Thousand Population per Month                           | D1T83LL | 10.881,68  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Europe Redistribution Hundred Thousand Population per Month            | D08CSZX | 2.723,53   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data International Lightning Custom Coverage Item per Month                 | D02PYZX | 466,36     | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data International Lightning Custom Coverage Redistribution Item per Month  | D08CTZX | 116,90     | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Lightning Service - Global Standard Edition Instance per Month         | D214TLL | 5.440,84   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Lightning Service - Large Regional Standard Edition Instance per Month | D214SLL | 2.642,69   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Lightning Service - Regional Standard Edition Instance per Month       | D01YFZX | 2.331,79   | Saas |

|      |   |                                                |      |      |                                                                                                          |         |           |      |
|------|---|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------|---------|-----------|------|
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Lightning Service - Regional Standard Edition Redistribution Instance per Month | D08CUZX | 584,50    | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Lightning Service - US Continental Standard Edition Instance per Month          | D214ULL | 4.041,77  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Sky Global Hundred Thousand Population per Month                                | D1T89LL | 1.709,98  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Sky Global Redistribution Hundred Thousand Population per Month                 | D08CVZX | 429,05    | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Sky Hundred Thousand Population per Month                                       | D1T87LL | 1.709,98  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Sky Redistribution Hundred Thousand Population per Month                        | D08CWZX | 429,05    | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Storm Eastern Pacific Hundred Thousand Population per Month                     | D1T8DLL | 14.301,63 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Storm Eastern Pacific Redistribution Hundred Thousand Population per Month      | D08CXZX | 3.575,41  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Traffic Hundred Thousand Population per Month                                   | D1T8HLL | 11.441,30 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data Traffic Redistribution Hundred Thousand Population per Month                    | D08CZZX | 2.860,33  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data World Essentials Hundred Thousand Population per Month                          | D0299ZX | 2.667,56  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data World Essentials Redistribution Hundred Thousand Population per Month           | D08D1ZX | 671,55    | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data World Hundred Thousand Population per Month                                     | D1T85LL | 14.301,63 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Data World Redistribution Hundred Thousand Population per Month                      | D08D2ZX | 3.575,41  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Earth Imagery - High Resolution Engagement Remotely Delivered Service                | D2149LL | 65.911,86 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Engage Engagement Remotely Delivered Service                                         | D214ELL | 12.436,20 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Engage for Enterprise Event Monitor Engagement One-Time Setup                        | D213RLL | 12.436,20 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Engage Maintenance with Watson Hundred Thousand Population SW S&S                    | D1VEBLL | 528,54    | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Engage with Watson - Base Item per Month                                             | D0236ZX | 2.798,15  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Engage with Watson - Users Ten Thousand Active Users per Month                       | D0234ZX | 488,13    | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Engage with Watson Thousand Active Users License Only                                | D1VE5LL | 4.166,13  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Graphics Engagement Remotely Delivered Service                                       | D214DLL | 13.182,37 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Local Ingest Additional Source Setup Engagement Remotely Delivered Service           | D029BZX | 15.358,71 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Local Ingest Setup Engagement Remotely Delivered Service                             | D029CZX | 98.245,98 | Saas |

|      |   |                                                |      |      |                                                                                                                 |         |            |      |
|------|---|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------|---------|------------|------|
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Mobile Alerts Thousand Registrations per Month                                              | D21B0LL | 18,65      | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Mobile App - Base Item per Month                                                            | D0237ZX | 2.673,78   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Mobile App - Users Ten Thousand Active Users per Month                                      | D0238ZX | 466,36     | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Mobile Radius Alerting Add-on - Base Item per Month                                         | D02C3ZX | 1.243,62   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Mobile Radius Alerting Add-on - User Ten Thousand Active Users per Month                    | D02DZZX | 155,45     | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Mobile Traffic - Base Item per Month                                                        | D023AZX | 1.057,08   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Mobile Traffic - Users Ten Thousand Active Users per Month                                  | D023EZX | 185,93     | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Mobile Weather Map SDK - Base Item per Month                                                | D023GZX | 2.238,52   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Mobile Weather Map SDK - Users Ten Thousand Active Users per Month                          | D023HZX | 389,25     | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max National Road Data Duopoly Add-on Hundred Thousand Population License                       | D02RJZX | 10.446,41  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max National Road Data Hundred Thousand Population License                                      | D02RIZX | 46.635,75  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max National Road Data Maintenance - Duopoly Add-on Hundred Thousand Population SW S&S          | D02RSZX | 870,53     | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max National Road Data Maintenance Hundred Thousand Population Annual S&S                       | D02RRZX | 3.886,31   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Reality Graphics Engagement One Time Set Up                                                 | D01YTZX | 55.962,90  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Reality Hundred Thousand Population 12 Month Term License Only                              | D1VDXLL | 4.819,03   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Reality Hundred Thousand Population License Only                                            | D1VDWLL | 192.761,10 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Remote Training Engagement Remotely Delivered Service                                       | D01YUZX | 6.218,10   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Road Data Maintenance - Single Market Duopoly Add-on Hundred Thousand Population Annual S&S | D02RUZX | 93,27      | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Road Data Maintenance - Single Market Hundred Thousand Population Annual S&S                | D02RTZX | 466,36     | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Road Data Single Market Duopoly Add-on Hundred Thousand Population License                  | D02RLZX | 2.238,52   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Road Data Single Market Hundred Thousand Population License                                 | D02RKZX | 11.192,58  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Sky Hundred Thousand Population 12 MonthTerm License Only                                   | D1VDVLL | 2.331,79   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Sky Hundred Thousand Population License Only                                                | D1VDULL | 93.271,50  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Social Post Turbo and Dialog Hundred Thousand Population per Month                          | D1VW3LL | 2.953,60   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Social Post Turbo Hundred Thousand Population per Month                                     | D1VW1LL | 1.834,34   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Solution - Remote Access Setup Engagement                                                   | D20XHLL | 9.327,15   | Saas |

|      |   |                                                |      |      |                                                                                                            |         |            |      |
|------|---|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------|---------|------------|------|
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Solution Data - Wind Particles Hundred Thousand Population per Month                   | D01YHZX | 1.343,11   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Solution Data - Wind Particles Redistribution Hundred Thousand Population per Month    | D08D3ZX | 335,78     | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Solution Data Package - Advanced Million API Calls per Month                           | D02R5ZX | 1.654,01   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Solution Data Package - Basic Million API Calls per Month                              | D02R7ZX | 1.243,62   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Solution Hundred Thousand Population SW S&S                                            | D1VE7LL | 5.596,29   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Standard Graphics Corporate Edition Engagement Remotely Delivered Service              | D2147LL | 6.591,19   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Standard Graphics Corporate Edition with Duopoly Engagement Remotely Delivered Service | D2148LL | 13.182,37  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Standard Graphics Engagement Remotely Delivered Service                                | D2144LL | 39.484,94  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Standard Graphics with Duopoly Engagement Remotely Delivered Service                   | D2146LL | 52.853,85  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Standard Graphics with Motif Engagement Remotely Delivered Service                     | D2145LL | 24.872,40  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Studio Hundred Thousand Population 12 Month Term License Only                          | D1VDRLL | 1.632,26   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Studio Hundred Thousand Population License Only                                        | D1VDQLL | 65.290,05  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Super High-Resolution Imagery Item Remotely Del Svc                                    | D02S2ZX | 32.955,93  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Support Services Access                                                                | D2143LL | 4.135,04   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Traffic and National Road Data Hundred Thousand Population License                     | D02RMZX | 205.197,30 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Traffic and National Road Data Maintenance Hundred Thousand Population Annual S&S      | D02RVZX | 7.461,72   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Traffic and Road Data Hundred Thousand Population Fixed Term License                   | D02RQZX | 4.899,86   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Traffic and Road Data Hundred Thousand Population License                              | D02RPZX | 169.754,13 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Traffic and Road Data Maintenance Hundred Thousand Population Annual S&S               | D02RWZX | 4.041,77   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Traffic Graphics Engagement Remotely Delivered Service                                 | D213ZLL | 12.436,20  | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Traffic Hundred Thousand Population 12 Month Term License Only                         | D1VE1LL | 3.964,04   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Traffic Hundred Thousand Population License Only                                       | D1VE0LL | 158.561,55 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Velocity - Additional Concurrent User per Month                                        | D09ZYZX | 2.176,34   | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Velocity - Additional Named User Authorized User per Month                             | D09SSZX | 802,13     | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Velocity - Base Instance per Month                                                     | D09SUZX | 5.695,78   | Saas |



|      |    |                                                |      |      |                                                                                                                                                       |         |               |                           |
|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Weather and Storm Hundred Thousand Population 12 Month Term License Only                                                          | D1VDPLL | 5.440,84      | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Weather and Storm Hundred Thousand Population License Only                                                                        | D1VDNLL | 217.633,50    | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Weather Hundred Thousand Population 12 Month Term License Only                                                                    | D1VDMLL | 4.663,58      | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Weather Hundred Thousand Population License Only                                                                                  | D1VDLLL | 186.543,00    | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Web - Weather Map Million API Calls per Month                                                                                     | D1T57LL | 4.352,67      | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Web - Weather Widgets Million API Calls per Month                                                                                 | D1T53LL | 3.109,05      | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Wind Particles Hundred Thousand Population 12 Month Term License Only                                                             | D01YQZX | 1.181,44      | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Max Wind Particles Hundred Thousand Population Saas Perpetual License                                                                 | D01YPZX | 37.930,41     | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Weather InSight Mobile Add-on - Users Ten Thousand Active Users per Month                                                             | D0288ZX | 186,54        | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Windows® 10 IoT Enterprise 2019 LTSB High End (ESD) Install Saas Perpetual License                                                                    | D22YFLL | 1.517,22      | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Workload Scheduler for Applications Processor Value Unit (PVU) Extended Support Subscription License                                                  | X07DPZX | 2,01          | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Workload Scheduler for Applications Processor Value Unit (PVU) Extended Support Subscription License                                                  | X07DQZX | 2,01          | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Workload Scheduler Processor Value Unit (PVU) Extended Support Subscription License                                                                   | X07DMZX | 2,26          | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Workload Scheduler Processor Value Unit (PVU) Extended Support Subscription License                                                                   | X07DNZX | 2,26          | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Z Workload Scheduler agent Processor Value Unit (PVU) Extended Support Subscription License                                                           | X07DRZX | 2,01          | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Edge Application Manager 100k Pack Install License SW Subscription & Support 12 Months                                                            | D0BKCZX | 70.622.632,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps 50000 Resource Unit License + SW Subscription & Support 12 Months                                                      | D29JMLL | 56.563.643,80 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Enterprise Software Package 100,000 EPS / 1,200,000 FPM Install License + SW Subscription & Support 12 Months                              | D1YHALL | 54.155.925,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Install License + SW Subscription & Support 12 Months                                                                 | D0LFXLL | 50.677.735,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Network Management for Telecoms MD 50,000 Managed Virtual Network Device License + SW Subscription & Support 12 Months | D1JDTLL | 42.442.869,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Edge Application Manager 100k Pack Install SW Subscription & Support Reinstatement 12 Months                                                      | D0BKFZX | 42.373.579,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps 50000 Resource Unit SW Subscription & Support Reinstatement 12 Months                                                  | D29JNLL | 33.936.173,67 | Manutenção após Vigência  |

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| Real | 12 |  | PPA | 7831 | IBM QRadar Enterprise Software Package 100,000 EPS / 1,200,000 FPM Install SW Subscription & Support Reinstatement 12 Months                                                               | D1YHCLL | 32.498.457,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Network Management for Telecoms 50,000 Managed Device from ITNCM Configuration Standard Device Trade Up License + SW Subscription & Support 12 Months       | D1K3DLL | 31.830.819,72 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Network Management for Telecoms 50,000 Managed Device from ITNCM Smart Model Complex Device Resource Trade Up License + SW Subscription & Support 12 Months | D1K3FLL | 31.830.819,72 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Network Management for Telecoms 50,000 Managed Device from ITNCM Smart Model Device Resource Trade Up License + SW Subscription & Support 12 Months         | D1K3ELL | 31.830.819,72 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Network Management for Telecoms 50,000 Managed Device from ITNM Network Device Tier Resource Trade Up License + SW Subscription & Support 12 Months         | D1K3CLL | 31.830.819,72 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Network Management for Telecoms 50,000 Managed Device from NNM Combined Device Trade Up License + SW Subscription & Support 12 Months                       | D1K3GLL | 31.830.819,72 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Network Management for Telecoms 50,000 Managed Device from NNM Configuration Standard Device Trade Up License + SW Subscription & Support 12 Months         | D1K3ILL | 31.830.819,72 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Network Management for Telecoms 50,000 Managed Device from NNM Entry Device Trade Up License + SW Subscription & Support 12 Months                          | D1K3LLL | 31.830.819,72 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Network Management for Telecoms 50,000 Managed Device from NNM Network Device Trade Up License + SW Subscription & Support 12 Months                        | D1K3HLL | 31.830.819,72 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Network Management for Telecoms 50,000 Managed Device from NNM Smart Model Complex Device Resource Trade Up License + SW Subscription & Support 12 Months   | D1K3KLL | 31.830.819,72 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Network Management for Telecoms 50,000 Managed Device from NNM Smart Model Device Resource Trade Up License + SW Subscription & Support 12 Months           | D1K3JLL | 31.830.819,72 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms MD 50,000 Managed Virtual Network Device License + SW Subscription & Support 12 Months                                   | D1JCFLl | 31.830.819,72 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Identity Insight Install SW Subscription & Support Reinstatement 12 Months                                                                                                  | D0LFYLL | 30.411.348,51 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar Risk Manager Added 5000 Standard Configuration Source Install License + SW Subscription & Support 12 Months                                                            | D0WW9LL | 29.371.762,22 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM QRadar Enterprise Software Package 50,000 EPS / 600,000 FPM Install License + SW Subscription & Support 12 Months                                                                      | D1YHBLL | 27.554.939,90 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Network Management for Telecoms MD 50,000 Managed Virtual Network Device SW Subscription & Support Reinstatement 12 Months                                  | D1JDULL | 25.466.787,78 | Manutenção após Vigência  |

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| Real | 12 |  | PPA | 7831 | IBM InfoSphere Identity Insight Non-Production Environment Install License + SW Subscription & Support 12 Months                                                          | D0LFTLL | 25.328.207,52 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms 50,000 Managed Device from from NNM Entry Device Trade Up License + SW Subscription & Support 12 Months | D1K4GLL | 23.873.114,79 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms 50,000 Managed Device from from NNM Entry Device Trade Up License + SW Subscription & Support 12 Months | D1K4HLL | 23.873.114,79 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms 50,000 Managed Device from NNM Combined Device Trade Up License + SW Subscription & Support 12 Months   | D1K35LL | 23.873.114,79 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms 50,000 Managed Device from NNM Combined Device Trade Up License + SW Subscription & Support 12 Months   | D1K3ALL | 23.873.114,79 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms 50,000 Managed Device from NNM Event Device Trade Up License + SW Subscription & Support 12 Months      | D1K36LL | 23.873.114,79 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms 50,000 Managed Device from NNM Event Device Trade Up License + SW Subscription & Support 12 Months      | D1K3BLL | 23.873.114,79 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms 50,000 Managed Device from OMNibus EMS Trade Up License + SW Subscription & Support 12 Months           | D1K33LL | 23.873.114,79 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms 50,000 Managed Device from OMNibus EMS Trade Up License + SW Subscription & Support 12 Months           | D1K38LL | 23.873.114,79 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms 50,000 Managed Device from OMNibus Q3 EMS Trade Up License + SW Subscription & Support 12 Months        | D1K34LL | 23.873.114,79 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms 50,000 Managed Device from OMNibus Q3 EMS Trade Up License + SW Subscription & Support 12 Months        | D1K39LL | 23.873.114,79 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms 50,000 Managed Device from from OMNibus Device Trade Up License + SW Subscription & Support 12 Months   | D1K32LL | 23.870.223,79 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms 50,000 Managed Device from NNM EMS Trade Up License + SW Subscription & Support 12 Months               | D1L20LL | 23.870.223,79 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms 50,000 Managed Device from OMNibus Device Trade Up License + SW Subscription & Support 12 Months        | D1K37LL | 23.870.223,79 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Agile Service Manager Telecoms 50,000 Managed Device License + SW Subscription & Support 12 Months                                         | D1TJGLL | 19.367.098,75 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms MD 50,000 Managed Virtual Network Device SW Subscription & Support Reinstatement 12 Months  | D1JCGLL | 19.097.425,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 5000 Standard Configuration Source Install SW Subscription & Support Reinstatement 12 Months                           | D0WWALL | 17.624.532,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Enterprise Software Package 50,000 EPS / 600,000 FPM Install SW Subscription & Support Reinstatement 12 Months                                     | D1YHDLL | 16.529.587,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 2500 Standard Configuration Source Install License + SW Subscription & Support 12 Months                               | D0WW6LL | 15.876.827,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                          | D0LFULL | 15.190.528,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Edge Application Manager 100k Pack Install Annual SW Subscription and Support Renewal 12 Months                                                           | E0BKBZX | 14.124.526,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Agile Service Manager Telecoms 50,000 Managed Device SW Subscription & Support Reinstatement 12 Months                         | D1TJHLL | 11.614.091,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps 50000 Resource Unit Annual SW Subscription & Support Renewal 12 Months                                                         | E0RB7LL | 11.310.281,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Enterprise Software Package 100,000 EPS / 1,200,000 FPM Install Annual SW Subscription & Support Renewal 12 Months                                 | E0PD6LL | 10.822.742,94 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Install Annual SW Subscription & Support Renewal                                                                              | E0CVFLL | 10.135.082,24 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ApptioOne Plus Annual IT Spend Under Management per Annum                                                                                                 | D0GWYZX | 9.625.618,80  | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for ISO 20022 High Value Payments Resource Value Unit License + SW Subscription and Support 12 Months                       | D27YCLL | 9.524.727,87  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 2500 Standard Configuration Source Install SW Subscription & Support Reinstatement 12 Months                           | D0WW7LL | 9.520.197,09  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 5000 Remote/Branch Configuration Source Install License + SW Subscription & Support 12 Months                          | D0WWVLL | 8.813.528,58  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Check for Red Hat OpenShift Resource Value Unit License + SW Subscription & Support 12 Months                           | D07DVZX | 8.655.936,24  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Network Management for Telecoms MD 50,000 Managed Virtual Network Device Annual SW Subscription & Support Renewal 12 Months    | E0M1ALL | 8.485.375,92  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager Enterprise Virtual Server License + SW Subscription & Support 12 Months                                                     | D1VNDLL | 8.080.295,16  | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Advisor with Watson - Enterprise per Instance per Annum                                                                                            | D1TK4LL | 7.984.040,40  | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM AI Governance Install License + SW Subscription & Support 12 Months                                                                                       | D0CP9ZX | 7.909.734,84  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 1000 Standard Configuration Source Install License + SW Subscription & Support 12 Months                               | D0WW3LL | 6.393.501,84  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms MD 50,000 Managed Virtual Network Device Annual SW Subscription & Support Renewal 12 Months | E0M0KLL | 6.370.274,45  | Manutenção após Vigência  |

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| Real | 12 |  | PPA | 7831 | IBM Security QRadar Risk Manager Added 5000 Standard Configuration Source Install Annual SW Subscription & Support Renewal                              | E0G3XLL | 5.875.685,71 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Financial Transaction Manager for ISO 20022 High Value Payments Resource Value Unit SW Subscription & Support Reinstatement 12 Months               | D27YDLL | 5.713.770,72 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM QRadar Enterprise Software Package 50,000 EPS / 600,000 FPM Install Annual SW Subscription & Support Renewal 12 Months                              | E0PD7LL | 5.501.213,81 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Data Integration for Hadoop Per 5 Virtual Servers License + SW Subscription & Support 12 Months                                                     | D1RBMML | 5.311.811,93 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar Risk Manager Added 5000 Remote/Branch Configuration Source Install SW Subscription & Support Reinstatement 12 Months                | D0WWWLL | 5.284.740,31 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Financial Transaction Manager for Check for Red Hat OpenShift Resource Value Unit SW Subscription & Support Reinstatement 12 Months                 | D07DXZX | 5.191.429,74 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Identity Insight Non-Production Environment Install Annual SW Subscription & Support Renewal                                             | E0CVDLL | 5.058.179,49 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Data Science and MLOps Express Install License + SW Subscription & Support 12Months                                                                 | D0D5DZX | 4.962.239,31 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Financial Transaction Manager Enterprise Virtual Server SW Subscription & Support Reinstatement 12 Months                                           | D1VNELL | 4.855.639,11 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar Risk Manager Added 2500 Remote/Branch Configuration Source Install License + SW Subscription & Support 12 Months                    | D0WWSLL | 4.769.773,61 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM AI Governance Install SW Subscription & Support Reinstatement 12 Months                                                                             | D0CPCZX | 4.743.708,90 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Data Governance Express Install License + SW Subscription & Support 12Months                                                                        | D0D3BZX | 4.237.357,95 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Maximo for Aviation Maintenance Optimization Install License SW Subscription & Support 12 Months                                                    | D20V8LL | 4.088.117,67 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Financial Transaction Manager for Corporate Payment Services Virtual Server License + SW Subscription & Support 12 Months                           | D1CA3LL | 4.018.827,54 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Data Science and MLOps Express Unrestricted Add-on Install License + SW Subscription & Support 12Months                                             | D0DFJZX | 3.986.847,48 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM AI Governance Non-Production Install License + SW Subscription & Support 12 Months                                                                  | D0CP4ZX | 3.954.867,42 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data Install License + SW Subscription & Support 12 Months                                         | D26ATLL | 3.885.577,29 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM Cloud Pak for Data 50 Concurrent Connections License + SW Subscription & Support 12 Months | D268QLL | 3.885.577,29 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Agile Service Manager Telecoms Managed Device 50,000 Annual SW Subscription & Support Renewal 12 Months                  | E0NP8LL | 3.868.538,31 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Maximo Scheduler Optimization per Install License + SW Subscription & Support 12 Months                                                             | D28NMLL | 3.848.267,22 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 1000 Standard Configuration Source Install SW Subscription & Support Reinstatement 12 Months                                   | D0WW4LL | 3.827.251,97 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Edge Application Manager 100k Pack Install Monthly License                                                                                                        | D0BKDZX | 3.461.371,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Check for Red Hat OpenShift from Eligible Programs Trade Up Resource Value Unit License + SW Subscription and Support 12 Months | D07DTZX | 3.459.176,49 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 100000 Floating User License + SW Subscription & Support 12 Months                                                 | D530ZLL | 3.447.514,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Enterprise Plus Install Trade Up from IBM Spectrum LSF Suite for Workgroups                                                                | D05BBZX | 3.336.586,26 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 500 Standard Configuration Source Install License + SW Subscription & Support 12 Months                                        | D0WW0LL | 3.250.199,71 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Plus Edition Server License + SW Subscription & Support 12 Months                                                                 | D07ASLL | 3.229.986,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Integration for Hadoop Per 5 Virtual Servers SW Subscription & Support Reinstatement 12 Months                                                               | D1RBNLL | 3.181.801,77 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Plus Project Implementation Map Set Up                                                                                          | D0MQ3LL | 3.171.231,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 2500 Standard Configuration Source Install Annual SW Subscription & Support Renewal                                            | E0G3WLL | 3.170.940,94 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Enterprise Plus Install Trade Up from IBM Spectrum LSF Suite for HPC                                                                       | D05BAZX | 3.160.695,93 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 20 Gbps Install License + SW Subscription & Support 12 Months                                                                                   | D04E4ZX | 3.150.035,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for SWIFT Services Virtual Server License + SW Subscription & Support 12 Months                                                     | D1J5ILL | 3.144.705,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Enterprise Plus Install License + SW Subscription & Support                                                                                | D05BDZX | 3.139.375,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data Install License + SW Subscription and Support 12 Months                                          | D28NGLL | 3.139.375,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management RDM Hub for Financial Service Production Install License + SW Subscription & Support 12 Months                                  | D16H1LL | 3.000.795,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Install SW Subscription & Support Reinstatement 12Months                                                                           | D0D5GZX | 2.979.475,59 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Automatic Data Lineage Resource Unit License + SW Subscription & Support 12 Months                                                                                | D08XDZX | 2.926.175,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | MANTA Automated Data Lineage for IBM Cloud Pak for Data Resource Unit LIC + SW S&S 12 MO                                                                              | D0A5EZX | 2.926.175,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Governance Express Unrestricted Add-on Install License + SW Subscription & Support 12Months                                                                  | D0DF7ZX | 2.920.845,48 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Project Implementation Map Set Up                                                                                         | D0MPILL | 2.885.198,40 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 2500 Remote/Branch Configuration Source Install SW Subscription & Support Reinstatement 12 Months                           | D0WWTLL | 2.861.221,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Network Management for Smart meters Managed Client Device 250,000 License + SW Subscription & Support 12 Months                     | D1JE3LL | 2.830.235,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management for Smart meters Managed Client Device 250,000 License + SW Subscription & Support 12 Months                  | D1JCJLL | 2.830.235,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Safer Payments per Resource Value Unit License + SW Subscription & Support 12 Months                                                                           | D1MWGLL | 2.830.235,31 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Edge Application Manager 100k Pack Install Subscription License                                                                                                | D0BKEZX | 2.771.605,20 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson AIOps 50000 Resource Unit Monthly License                                                                                                               | D29JWLL | 2.770.932,99 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Digital Payments Virtual Server License + SW Subscription & Support 12 Months                                                | D1CAQLL | 2.739.625,14 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Enterprise Plus Install Trade Up from IBM Spectrum LSF Suite for Enterprise                                                             | D05B9ZX | 2.684.790,00 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM ELT Pushdown Express Install License + SW Subscription & Support 12Months                                                                                      | D0D4FZX | 2.665.005,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Global Name Management Resource Value Unit License + SW Subscription & Support 12 Months                                                            | D0ZT7LL | 2.665.005,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 50000 Floating User License + SW Subscription & Support 12 Months                                               | D530XLL | 2.665.005,00 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Enterprise Software Package 100,000 EPS / 1,200,000 FPM Install Monthly License                                                                         | D1YH1LL | 2.654.741,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Plus Edition Server Server from IBM Build Forge Standard Edition Server Trade Up License + SW Subscription & Support 12 Months | D086QLL | 2.654.281,02 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Integration for Hadoop for Non-Production Environments Per 5 Virtual Servers License + SW Subscription & Support 12 Months                                | D1RCRLL | 2.653.263,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Worldwide Install Initial Fixed Term License + SW Subscription & Support 12 Months            | D05EWZX | 2.648.179,22 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Worldwide Install Subsequent Fixed Term License + SW Subscription & Support 12 Months         | E05EXZX | 2.648.179,22 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 100000 Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                    | D59T3LL | 2.585.054,85 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Governance Express Install SW Subscription & Support Reinstatement 12Months                                                                               | D0D3EZX | 2.542.414,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Erasure Code Edition per Petabyte License + SW Subscription & Support 12 Months                                                                  | D2356LL | 2.501.736,13 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Identity Insight Install Monthly License                                                                                                            | D19CPLL | 2.490.968,26 | Saas                      |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Non-Production Install License + SW Subscription & Support 12Months                                                      | D0D5QZX | 2.478.454,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7700 Data Module 16 Core Install SW Subscription & Support Reinstatement 12 Months                                               | D0DFELL | 2.473.124,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7700 User Module 16 Core Install SW Subscription & Support Reinstatement 12 Months                                               | D0DGILL | 2.473.124,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for FIX per Establishment License + SW Subscription & Support 12 Months                                                    | D03SKLL | 2.457.134,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Aviation Maintenance Optimization Install Licence SW Subscription & Support Reinstatement 12 Months                                          | D20V9LL | 2.451.804,60 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Enterprise Edition for Red Hat OpenShift Resource Value Unit License + SW Subscription & Support 12 Months           | D26R8LL | 2.440.718,18 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Corporate Payment Services Virtual Server SW Subscription & Support Reinstatement 12 Months                           | D1CA4LL | 2.403.834,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Unrestricted Add-on Install SW Subscription & Support Reinstatement 12Months                                             | D0DFKZX | 2.387.844,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Virtualization Server Simultaneous Session License + SW Subscription & Support 12 Months                                                  | D124XLL | 2.382.514,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM AI Governance Non-Production Install SW Subscription & Support Reinstatement 12 Months                                                                  | D0CP7ZX | 2.371.854,45 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Standard Edition-Base-Hundred Thousand Order Lines per Annum                                                                  | D1SQ2LL | 2.350.441,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Standard Edition-Hundred Thousand Order Lines Overage                                                                         | D1SPELL | 2.350.441,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data Install SW Subscription & Support Reinstatement 12 Months                                         | D26ASLL | 2.330.885,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM Cloud Pak for Data 50 Concurrent Connections SW Subscription & Support Reinstatement 12 Months | D268RLL | 2.330.885,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Order Management Software Enterprise Edition for IBM Cloud Private Resource Value Unit (RVU) License + SW Subscription & Support 12 Months              | D2278LL | 2.323.884,36 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Scheduler Optimization per Install SW Subscription & Support Reinstatement 12 Months                                                             | D28NNLL | 2.312.580,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Explorer Deep Analytics Edition Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                            | D21A7LL | 2.312.580,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Enterprise Edition Resource Value Unit License + SW Subscription & Support 12 Months                                          | D1D61LL | 2.286.574,29 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Speech to Text Cartridge for IBM Cloud Pak for Data 500000 Monthly Minutes License + SW Subscription & Support 12 Months                         | D29CLLL | 2.263.766,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Text to Speech Cartridge for IBM Cloud Pak for Data 250000000 Monthly Characters License + SW Subscription & Support 12 Months                   | D29CULL | 2.263.766,11 | Permanente com Manutenção |



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| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Blackboard Teaching & Learning Up to 15,000 Users Instance 3rd Party per Annum                                                                                                         | D1VBHLL | 2.246.276,16 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps Reserved 50000 Resource Unit Subscription                                                                                                               | D09K9ZX | 2.219.792,40 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps 50000 Resource Unit Subscription License                                                                                                                | D29JYLL | 2.218.182,11 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 20000 Floating User License + SW Subscription & Support 12 Months                                                                   | D530ULL | 2.178.340,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Plus Edition Server from IBM Build Forge Enterprise Edition Server Trade Up License + SW Subscription & Support 12 Months                          | D086RLL | 2.135.628,41 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Governance Express Non-Production Install License + SW Subscription & Support 12Months                                                                                        | D0D3NZX | 2.121.343,98 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Environmental Intelligence Suite - Vegetation Management LiDAR 500 Locations Set Up                                                                                                | D0CQ9ZX | 2.089.281,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Immediate Payments Virtual Server License + SW Subscription & Support 12 Months                                                                  | D1Q51LL | 2.084.033,91 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Network Management for Telecoms MD 50,000 Managed Virtual Network Device Monthly License                                                                | D1JE0LL | 2.081.789,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 100000 Floating User SW Subscription & Support Reinstatement 12 Months                                                              | D5310LL | 2.073.373,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Professional Edition for Red Hat OpenShift Resource Value Unit License + SW Subscription & Support 12 Months                                    | D26RXLL | 2.037.999,68 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for SEPA Services Virtual Server License + SW Subscription & Support 12 Months                                                                       | D1C7NLL | 2.020.073,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 50000 Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                         | D59T5LL | 1.998.753,75 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Unrestricted Add-on Non-Production Install License + SW Subscription & Support 12Months                                                             | D0DFQZX | 1.993.423,74 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Blackboard Collaborate Up to 15,000 Users Instance 3rd Party per Annum                                                                                                                 | D1VBKLL | 1.978.997,40 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription and Support 12 Months                                            | D03JJZX | 1.958.676,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 10 Gbps Install License + SW Subscription & Support 12 Months                                                                                                    | D04F6ZX | 1.952.574,54 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 500 Standard Configuration Source Install SW Subscription & Support Reinstatement 12 Months                                                     | D0WW1LL | 1.946.810,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM Cloud Pak for Data for Non-Production Environment 50 Concurrent Connections License + SW Subscription & Support 12 Months | D2698LL | 1.940.123,64 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Order Management Software Professional Edition for IBM Cloud Private Resource Value Unit (RVU) License + SW Subscription & Support 12 Months                                       | D227HLL | 1.934.793,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Plus Edition Server SW Subscription & Support Reinstatement 12 Months                                                                              | D07ATLL | 1.934.269,16 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 1000 Remote/Branch Configuration Source Install License + SW Subscription & Support 12 Months         | D0WWPLL | 1.916.351,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Professional Edition Resource Value Unit License + SW Subscription & Support 12 Months                         | D1D64LL | 1.908.143,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for ISO 20022 High Value Payments Resource Value Unit SW Subscription and Support Renewal 12 Months        | E0QZALL | 1.902.813,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 20 Gbps Install SW Subscription & Support Reinstate 12 Months                                                          | D04E6ZX | 1.891.556,59 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Enterprise Plus Install SW Subscription & Support Reinstate                                                       | D05BGZX | 1.885.454,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data Install SW Subscription & Support Reinstatement 12 Months               | D28NHLL | 1.885.454,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Agile Service Manager Smart Meters 250000 Managed Client Device License + SW Subscription & Support 12 Months | D1TJILL | 1.828.193,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | WebSphere MQ Advanced 100 Virtual Server LIC + SW S&S 12 MO                                                                                  | D22VVLL | 1.812.203,40 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 10000 Floating User License + SW Subscription & Support 12 Months                         | D530PLL | 1.806.131,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management RDM Hub for Financial Service Production Install SW Subscription & Support Reinstatement 12 Months     | D16H2LL | 1.800.029,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Enterprise Edition Install License + SW Subscription & Support 12 Months                                               | D0737LL | 1.793.927,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Actions Enterprise Install Annual SW Subscription & Support Renewal                                                 | E0QJ2LL | 1.789.720,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 5000 Remote/Branch Configuration Source Install Annual SW Subscription & Support Renewal              | E0G44LL | 1.764.394,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Automatic Data Lineage Resource Unit SW Subscription & Support Reinstatement 12 Months                                                   | D08XGZX | 1.758.903,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | MANTA Automated Data Lineage for IBM Cloud Pak for Data Resource Unit SW S&S Reinstate 12 Mo                                                 | D0A5HZX | 1.758.903,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Incident Forensics Software Install License + SW Subscription & Support 12 Months                                        | D14BMLL | 1.755.952,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Incident Forensics Standalone Software Install License + SW Subscription & Support 12 Months                             | D1FQKLL | 1.755.952,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Governance Express Unrestricted Add-on Install SW Subscription & Support Reinstatement 12Months                                     | D0DF8ZX | 1.753.573,29 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Blackboard Teaching & Learning Up to 5,000 Users Instance 3rd Party per Annum                                                                | D1VBGLL | 1.749.997,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Check for Red Hat OpenShift Resource Value Unit Annual SW Subscription & Support Renewal 12 Months     | E07DUZX | 1.726.923,24 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Referenced Programs via REST APIs Resource Value Unit (RVU) License + SW Subscription & Support 12 Months         | D223ZLL | 1.705.603,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM AI Decision Coordination - Dispatch Hundred Thousand API Calls LIC + SW S&S 12 MO                                                                         | D0A38ZX | 1.694.943,18 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Worldwide Install Initial Fixed Term License + SW Subscription & Support 12 Months               | D05HEZX | 1.694.943,18 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Worldwide Install Subsequent Fixed Term License + SW Subscription & Support 12 Months            | E05HFZX | 1.694.943,18 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Network Management for Smart meters Managed Client Device 250,000 SW Subscription & Support Reinstatement 12 Months            | D1JE4LL | 1.694.943,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management for Smart meters Managed Client Device 250,000 SW Subscription & Support Reinstatement 12 Months         | D1JCKLL | 1.694.943,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management for Smart meters Systemz Managed Client Device 250,000 SW Subscription & Support Reinstatement 12 Months | D1JCULL | 1.694.943,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Safer Payments per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                  | D1MWHLL | 1.694.943,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support 12 Months                                       | D296HLL | 1.689.613,17 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 20 Gbps Install from Aspera Enterprise 10 Gbps Install Trade Up License + SW Subscription & Support 12 Months                           | D04E2ZX | 1.684.095,54 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 5 Gbps Install License + SW Subscription & Support 12 Months                                                                            | D04ELZX | 1.677.993,75 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server Enterprise Twenty Gigabits Per Second SW Subscription & Support Reinstatement 12 Months                                 | D1VYALL | 1.647.484,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Digital Payments Virtual Server SW Subscription & Support Reinstatement 12 Months                                       | D1CARLL | 1.646.973,09 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Video Highlights Large Instance per Annum                                                                                                                 | D012FZX | 1.641.578,40 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 20000 Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                | D59T4LL | 1.630.983,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager Enterprise Virtual Server Annual SW Subscription & Support Renewal                                                          | E0NZNLL | 1.620.323,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Ed Accelerator for Oracle Applications Terabyte License + SW Subscription & Support 12 Months                         | D0PS5LL | 1.609.663,02 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 100000 Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                      | D0BGZLL | 1.609.663,02 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 100000 Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                   | E07ZWLL | 1.609.663,02 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 250 Standard Configuration Source Install License + SW Subscription & Support 12 Months                                | D0WVXLL | 1.607.593,31 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 50000 Floating User SW Subscription & Support Reinstatement 12 Months                                | D530YLL | 1.604.333,01 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Platform with Conversation 4M for IBM Cloud Dedicated Instance per Month                                                                     | D1SH4LL | 1.599.712,64 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM ELT Pushdown Express Install SW Subscription & Support Reinstatement 12Months                                                                       | D0D4IZX | 1.599.003,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Global Name Management Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                             | D0ZT8LL | 1.598.670,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Edition Server License + SW Subscription & Support 12 Months                                                        | D59BQLL | 1.592.568,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Integration for Hadoop for Non-Production Environments Per 5 Virtual Servers SW Subscription & Support Reinstatement 12 Months                 | D1RCZLL | 1.590.900,89 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising - Standard Edition Hundred Thousand Order Lines Advanced Support per Annum                                           | E0DXNZX | 1.589.346,36 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM AI Governance Install Annual SW Subscription & Support Renewal 12 Months                                                                            | E0CP8ZX | 1.583.012,97 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Expert Essentials Enhanced Non-Saas Engagement per Annum                                                                                   | D0BPJZX | 1.581.884,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Platform with Discovery 4M for IBM Cloud Dedicated Instance per Month                                                                        | D1SH5LL | 1.578.892,09 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Predictor Runtime Virtual Server License + SW Subscription & Support 12 Months                                                         | D0492ZX | 1.574.263,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data Non-Production Environment Install License + SW Subscription and Support 12 Months | D28NKLL | 1.574.263,23 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Operations Management for Telecoms MD 50,000 Managed Virtual Network Device Monthly License                              | D1JCQLL | 1.555.108,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7600 Data Module 8 Core Server Annual SW Subscription & Support Renewal                                                      | E07NWLL | 1.535.042,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7600 Foundation Module 8 Core Server Annual SW Subscription & Support Renewal                                                | E07NVLL | 1.535.042,88 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Blackboard Collaborate Up to 5,000 Users Instance 3rd Party per Annum                                                                                   | D1VBJLL | 1.523.459,40 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Plus Edition Server Server Initial Fixed Term License + SW Subscription & Support 12 Months                         | D0BJRLL | 1.519.052,85 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Plus Edition Server Server Subsequent Fixed Term License + SW Subscription & Support 12 Months                      | E082NLL | 1.519.052,85 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PureData System for Analytics Additional 12.5% Capacity N3001-080 for Appliance Install Monthly License                                             | D1ID3LL | 1.509.558,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PureData System for Analytics Additional 12.5% Capacity N3001-080 for The Now Factory for Appliance Install Monthly License                         | D1IEGLL | 1.509.558,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management RDM Hub for Financial Service Non- Production Install License + SW Subscription & Support 12 Months               | D16H3LL | 1.501.041,68 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management RDM Hub for Non-Financial Service Production Install License + SW Subscription & Support 12 Months                | D16GALL | 1.501.041,68 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Now Factory Sourceworks for Virtual Networks Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                               | E0LMPLL | 1.501.041,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM AI Governance Express on Premises Install LIC + SW S&S 12 MO                                                                                      | D0DR0ZX | 1.492.402,80 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Non-Production Install SW Subscription & Support Reinstatement 12Months                                            | D0D5TZX | 1.492.402,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for FIX per Establishment SW Subscription & Support Reinstatement 12 Months                                          | D03SLLL | 1.476.412,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for JD Edwards EnterpriseONE Establishment License + SW Subscription & Support 12 Months                                        | D59LTLL | 1.476.412,77 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Oracle E-Business Establishment License + SW Subscription & Support 12 Months                                               | D59LKLL | 1.476.412,77 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Oracle E-Business for zSeries Establishment License + SW Subscription & Support 12 Months                                   | D59LGLL | 1.476.412,77 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for PeopleSoft Enterprise Establishment License + SW Subscription & Support 12 Months                                           | D555VLL | 1.476.412,77 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for SAP Software Establishment License + SW Subscription & Support 12 Months                                                    | D5561LL | 1.476.412,77 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for SAP Software for zSeries Establishment License + SW Subscription & Support 12 Months                                        | D5832LL | 1.476.412,77 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Siebel Business Applications Establishment License + SW Subscription & Support 12 Months                                    | D5564LL | 1.476.412,77 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Automatic Data Lineage Non-Production Resource Unit License + SW Subscription & Support 12 Months                                                 | D08XIZX | 1.465.752,75 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Governance Express Unrestricted Add-on Non-Production Install License + SW Subscription & Support 12Months                                   | D0DFDZX | 1.465.752,75 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Enterprise Edition for Red Hat OpenShift Resource Value Unit SW Subscription & Support Reinstatement 12 Months | D26R9LL | 1.464.430,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Regulatory Compliance Management Application License + SW Subscription & Support 12 Months                                              | D25UVLL | 1.455.092,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Operations Dashboard Five Gateways Application instance License + SW Subscription & Support 12 Months                                   | D1NB2LL | 1.452.037,28 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Virtualization Server Simultaneous Session SW Subscription & Support Reinstatement 12 Months                                        | D124YLL | 1.433.772,69 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Essentials Edition Hundred Thousand Order Lines Overage                                                                 | D1SHQLL | 1.410.265,08 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Essentials Edition Hundred Thousand Order Lines per Annum                                                               | D1SHPLL | 1.410.265,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 2.5 Gbps Install License + SW Subscription & Support 12 Months                                                                  | D04DYZX | 1.407.122,64 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 2 Reserved 1M 1000000 Managed Virtual Server Extended Support Subscription License                                     | X09LIZX | 1.404.614,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 2 Reserved 1Mi 1000000 Managed Virtual Server Extended Support Subscription License                                    | X09JLZX | 1.404.614,40 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Order Management Software Enterprise Edition for IBM Cloud Private Resource Value Unit (RVU) SW Subscription & Support Reinstatement 12 Months  | D227FLL | 1.391.132,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Session for z/OS Workloads Per Simultaneous Session License + SW Subscription & Support 12 Months                              | D1511LL | 1.391.132,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Edition Server from Rational Build Forge Express Edition Trade Up License + SW Subscription & Support 12 Months | D61NBLL | 1.385.107,57 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Enterprise Edition Resource Value Unit SW Subscription & Support Reinstatement 12 Months                              | D1D62LL | 1.372.903,98 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Check Services Virtual Server Annual SW Subscription & Support Renewal                                        | E0KRWLL | 1.369.812,57 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Enterprise Software Package 50,000 EPS / 600,000 FPM Install Monthly License                                                             | D1YH2LL | 1.360.664,21 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Speech to Text Cartridge for IBM Cloud Pak for Data 500000 Monthly Minutes SW Subscription & Support Reinstatement 12 Months             | D29CMLL | 1.353.822,54 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Text to Speech Cartridge for IBM Cloud Pak for Data 250000000 Monthly Characters SW Subscription & Support Reinstatement 12 Months       | D29CVLL | 1.353.822,54 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 10000 Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months      | D59T6LL | 1.348.492,53 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Standard Edition Install License + SW Subscription & Support 12 Months                                          | D0J1ALL | 1.348.492,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ELT Pushdown Express Non-Production Install License + SW Subscription & Support 12Months                                                        | D0D4SZX | 1.332.502,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Global Name Management Non-Production Environment Resource Value Unit License + SW Subscription & Support 12 Months                  | D0ZTBLL | 1.327.172,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM MobileFirst Platform Foundation Application License + SW Subscription & Support 12 Months                                                       | D1LI2LL | 1.327.172,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Essential Management for IBM Cloud Pak for Data - Fully Managed on AWS Prod Instance per Annum                                      | D09SWZX | 1.319.472,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 20000 Floating User SW Subscription & Support Reinstatement 12 Months                            | D530VLL | 1.305.784,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Operational Risk Management Application License + SW Subscription & Support 12 Months                                                 | D25UILL | 1.275.275,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 1000 Standard Configuration Source Install Annual SW Subscription & Support Renewal                          | E0G3VLL | 1.274.753,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Governance Express Non-Production Install SW Subscription & Support Reinstatement 12Months                                                 | D0D3RZX | 1.273.872,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Immediate Payments Virtual Server SW Subscription & Support Reinstatement 12 Months                           | D1Q52LL | 1.252.552,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 50000 Floating User Initial Fixed Term License + SW Subscription & Support 12 Months             | D0BGYLL | 1.252.552,35 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 50000 Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                      | E07ZVLL | 1.252.552,35 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Identity Insight Non-Production Environment Install Monthly License                                                                              | D19CMLL | 1.241.578,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Analytics & Cognos Productionize - Non-Saas Engagement Remotely Delivered Service -- Software Services                                          | D06TYZX | 1.238.790,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Analytics & Cognos Productionize - Saas Engagement Remotely Delivered Service -- Cloud Services                                                 | D06F8ZX | 1.238.790,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Cloud Pak for Data Productionize - Non-Saas Engagement Remotely Delivered SW Services                                                           | D05WSZX | 1.238.790,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Cloud Pak for Data Productionize - Saas Engagement Remotely Del Svc                                                                             | D05WPZX | 1.238.790,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Data Science Productionize - Non-Saas Engagement Remotely Delivered Service - Software Services                                                 | D06U4ZX | 1.238.790,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Data Science Productionize - Saas Engagement Remotely Delivered Service                                                                         | D06TPZX | 1.238.790,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Databases Productionize - Non-Saas Engagement Remotely Delivered Service - Software Services                                                    | D06UEZX | 1.238.790,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Databases Productionize - Saas Engagement Remotely Delivered Service - Cloud Services                                                           | D06UBZX | 1.238.790,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs DataOps Productionize - Non-Saas Engagement Remotely Delivered Service - Software Services                                                      | D06TLZX | 1.238.790,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs DataOps Productionize - Saas Engagement Remotely Delivered Service                                                                              | D06TSZX | 1.238.790,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs OpenPages Productionize - Non-Saas Engagement Remotely Delivered SW Services                                                                    | D06UNZX | 1.238.790,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs OpenPages Productionize - Saas Engagement Remotely Delivered Service -- Cloud Services                                                          | D06EEZX | 1.238.790,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Western Europe Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D05ESZX | 1.236.562,32 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Western Europe Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E05ETZX | 1.236.562,32 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7700 Data Module 16 Core for Non-Production Environments Install SW Subscription & Support Reinstatement 12 Months                   | D0DIVLL | 1.236.562,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7700 User Module 16 Core for Non-Production Environments Install SW Subscription & Support Reinstatement 12 Months                   | D0DIXLL | 1.236.562,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Reservation Manager per Install License + SW Subscription & Support 12 Months                                                             | D0V3XLL | 1.236.562,32 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Configure Price Quote Add-on for Red Hat OpenShift Resource Value Unit License + SW Subscription & Support 12 Months              | D27ULLL | 1.234.344,58 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Professional Edition for Red Hat OpenShift Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                    | D26RYLL | 1.225.902,30 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Compass Saas - Accelerator Enterprise Edition with 3-year S&S CMS                                                                                                                          | D06CKZX | 1.222.767,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for SEPA Services Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                       | D1C7PLL | 1.209.912,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Unrestricted Add-on Non-Production Install SW Subscription & Support Reinstatement 12Months                                                             | D0DFRZX | 1.199.252,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Explorer Modernization Resource Value Unit from Watson Explorer Enterprise Edition Resource Value Unit Trade Up License + Subscription and Support 12 Months                    | D28SBLL | 1.195.951,91 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 10 Gbps Install SW Subscription & Support Reinstatement 12 Months                                                                                                    | D04F8ZX | 1.172.602,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                              | D03JLZX | 1.172.602,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 5000 Floating User License + SW Subscription & Support 12 Months                                                                        | D5311LL | 1.172.602,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Incident Forensics Application instance License + SW Subscription & Support 12 Months                                                                                  | D14C8LL | 1.172.510,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Incident Forensics Standalone Install License + SW Subscription & Support 12 Months                                                                                    | D1FRHLL | 1.172.510,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Watson Productionize - Non-Saas Engagement Remotely Delivered Service -- Software Services                                                                                 | D06TVZX | 1.167.390,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Watson Productionize - Saas Engagement Remotely Delivered Service                                                                                                          | D06U1ZX | 1.167.390,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 1000 Remote/Branch Configuration Source Install SW Subscription & Support Reinstatement 12 Months                                                   | D0WWQLL | 1.165.006,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM Cloud Pak for Data for Non-Production Environment 50 Concurrent Connections SW Subscription & Support Reinstatement 12 Months | D2699LL | 1.161.942,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Order Management Software Professional Edition for IBM Cloud Private Resource Value Unit (RVU) SW Subscription & Support Reinstatement 12 Months                                       | D227JLL | 1.156.612,17 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Expert Essentials Standard Non-Saas Engagement per Annum                                                                                                                      | D0BPKZX | 1.149.104,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for UK Payments Integration Virtual Server License + SW Subscription & Support 12 Months                                                                 | D1CBDLL | 1.140.622,14 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Professional Edition Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                   | D1D65LL | 1.140.622,14 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Blackboard Teaching & Learning Up to 1,000 Users Instance 3rd Party per Annum                                                                                                              | D1VBFLl | 1.132.614,48 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity 2.5K Events Per Second License + SW Subscription & Support 12 Months                                                                                    | D1RP3LL | 1.131.238,34 | Permanente com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity 100K Flows Per Minute License + SW Subscription & Support 12 Months                                                      | D1RQTLL | 1.131.238,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 1 Gbps Install License + SW Subscription & Support 12 Months                                                                          | D04F0ZX | 1.128.832,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 10 Gbps Install SW Subscription & Support Reinstatement 12 Months                                                  | D1BDCLL | 1.128.832,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Standard Install License + SW Subscription & Support 12 Months                                                                    | D0IZZLL | 1.116.628,57 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Enterprise Edition Install from IBM Cognos Controller Standard Edition Install Trade Up License + SW Subscription & Support 12 Months | D157NLL | 1.110.526,77 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM ELT Pushdown Express Unrestricted Add-on Install License + SW Subscription & Support 12Months                                                           | D0DE7ZX | 1.103.312,07 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Agile Service Manager Smart Meters 250000 Managed Client Device SW Subscription & Support Reinstatement 12 Months            | D1TJLL  | 1.097.982,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Business Continuity Management Application License + SW Subscription and Support 12 Months                                                    | D28FELL | 1.097.982,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Data Privacy Management Application License + SW Subscription & Support 12 Months                                                             | D0512ZX | 1.097.982,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Internal Audit Management Application License + SW Subscription & Support 12 Months                                                           | D25USLL | 1.097.982,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages IT Governance Application License + SW Subscription & Support 12 Months                                                                       | D25ULLL | 1.097.982,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Loss Event Entry Application License + SW Subscription & Support 12 Months                                                                    | D1N7MLL | 1.097.982,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Model Risk Governance Application License + SW Subscription & Support 12 Months                                                               | D25UYLL | 1.097.982,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Policy Management Application License + SW Subscription & Support 12 Months                                                                   | D25UPLL | 1.097.982,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Third Party Risk Management Application License + SW Subscription & Support 12 Months                                                         | D25U5LL | 1.097.982,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | WebSphere MQ Advanced 100 Virtual Server SW S&S Reinstatement 12 Mo                                                                                         | D22VWLL | 1.087.322,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Standard Edition Server License + SW Subscription & Support 12 Months                                                              | D59BCLL | 1.086.119,59 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 10000 Floating User SW Subscription & Support Reinstatement 12 Months                                    | D530QLL | 1.086.119,59 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Enterprise Edition Install SW Subscription & Support Reinstatement 12 Months                                                          | D0738LL | 1.076.662,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Content for Master Data Management Server Resource Value Unit License + SW Subscription & Support 12 Months                           | D0C23LL | 1.076.662,02 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise as a service Advanced Million API Calls Subscription per Annum                                                                   | D0DQJZX | 1.067.772,13 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition Accelerator for Oracle Applications Terabyte License + SW Subscription & Support 12 Months                     | D0PSNLL | 1.066.002,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Explorer Modernization Resource Value Unit from Watson Explorer Advanced Edition Resource Value Unit Trade Up License + Subscription and Support 12 Months       | D28SALL | 1.066.002,00 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Integration for Hadoop Per 5 Virtual Servers Annual SW Subscription & Support Renewal 12 Months                                                                    | E0N9HLL | 1.062.362,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Terabyte License + SW Subscription & Support 12 Months                                                                      | DOTENLL | 1.060.671,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Essential Management for IBM Cloud Pak for Data - Fully Managed on AWS Non Prod Instance per Annum                                                          | D09T0ZX | 1.049.580,00 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 2 Reserved 1000000 Managed Virtual Server Advanced Support Subscription License                                                              | Z09JLZX | 1.047.190,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 2 Reserved 1000000 Managed Virtual Server Advanced Support Subscription License                                                              | Z09LIZX | 1.047.190,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Enterprise Adapter for SAP Applications Server License + SW Subscription & Support 12 Months                                                                     | D04QDLL | 1.043.407,02 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Enterprise Adapter Oracle Applications Server License + SW Subscription & Support 12 Months                                                                      | D61DGLL | 1.043.407,02 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Incident Forensics Software Install SW Subscription & Support Reinstatement 12 Months                                                                   | D14BNLL | 1.038.375,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Incident Forensics Standalone Software Install SW Subscription & Support Reinstatement 12 Months                                                        | D1FQLLL | 1.038.375,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Client Concurrent User License + SW Subscription & Support 12 Months                                                               | D15C7LL | 1.037.305,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Referenced Programs via REST APIs Resource Value Unit (RVU) SW Subscription & Support Reinstatement 12 Months                   | D2243LL | 1.031.203,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Red Hat OpenShift Resource Value Unit License + SW Subscription and Support 12 Months                                                 | D28SSLL | 1.028.691,93 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise Reserved Instance High Availability Add-On Million API Calls per Annum                                                                           | D1X4YLL | 1.025.061,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 20000 Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                     | D0BGXLL | 1.023.361,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 20000 Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                  | E07ZULL | 1.023.361,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Explorer Modernization Resource Value Unit from Watson Explorer Deep Analytics Edition Resource Value Unit Trade Up License + Subscription and Support 12 Months | D28S9LL | 1.023.361,92 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sourceworks 2060 Capacity Feature Pack 15Gbps to 30Gbps Install License + Software Subscription and Support 12 Months                                                   | D1SUWLL | 1.021.491,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sourceworks 2060 Capacity Feature Pack 30Gbps to 45Gbps Install License + Software Subscription and Support 12 Months                                                   | D1SUYLL | 1.021.491,34 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sourceworks 2060 Capacity Feature Pack 45Gbps to 60Gbps Install License + Software Subscription and Support 12 Months                                                                                                                         | D1SV0LL | 1.021.491,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM AI Decision Coordination - Dispatch Hundred Thousand API Calls SW S&S Reinstate 12 Mo                                                                                                                                                         | D0A3CZX | 1.018.031,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Analytics Content Hub Server Install License + SW Subscription & Support 12 Months                                                                                                                                                            | D0D6PZX | 1.018.031,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Ed Accelerator for Oracle Applications Terabyte from InfoSphere Optim Archive Workgroup Ed Accelerator for Oracle Applications Terabyte Trade Up License + SW Subscription & Support 12 Months            | D0V1ZLL | 1.018.031,91 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Risk Management for ESG Application LIC + SW S&S 12 MO                                                                                                                                                                              | D0BXCZX | 1.018.031,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                                                       | D296ILL | 1.012.701,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 5 Gbps Install SW Subscription & Support Reinstate 12 Months                                                                                                                                                                | D04ENZX | 1.006.796,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Predictor Runtime Virtual Server Trade Up from IBM Spectrum LSF Simulator License + SW Subscription & Support 12 Months                                                                                                          | D0490ZX | 1.006.796,25 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Install Annual SW Subscription & Support Renewal                                                                                                                                                               | E0D5CZX | 996.711,87   | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | MQ 100 Virtual Server LIC + SW S&S 12 MO                                                                                                                                                                                                          | D22VPLL | 975.391,83   | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Multiplatform Base Resource Value Unit License + SW Subscription & Support 12 Months                                                                                                                        | D105XLL | 970.061,82   | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 500 Remote/Branch Configuration Source Install License + SW Subscription & Support 12 Months                                                                                                               | D0WWLLL | 966.030,84   | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Compass Saas - Accelerator Enterprise Edition with 3-year S&S Fiber                                                                                                                                                                               | D06CJZX | 965.672,40   | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Configure Price Quote Add-on for Red Hat OpenShift Resource Value Unit Pricing Trade Up License from IBM Sterling Order Management Pricing Add-on Resource Value Unit License + SW Subscription & Support 12 Months | D0BQ1ZX | 964.731,81   | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Ed Accelerator for Oracle Applications Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                                         | D0PS6LL | 964.083,68   | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Western Europe Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                              | D05H6ZX | 964.083,68   | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Western Europe Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                           | E05H7ZX | 964.083,68   | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 2500 Floating User License + SW Subscription & Support 12 Months                                                                                                                               | D530TLL | 964.083,68   | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Agile Service Manager Telecoms 50,000 Managed Device Monthly License                                                                                                                                               | D1TL5LL | 961.930,11   | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 250 Standard Configuration Source Install SW Subscription & Support Reinstatement 12 Months                                                                                                            | D0WVYLL | 958.656,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 10Gbps Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                        | D1VXALL | 957.981,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Edition Server SW Subscription & Support Reinstatement 12 Months                                                                                                                                          | D59BRLL | 948.741,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 2500 Remote/Branch Configuration Source Install Annual SW Subscription & Support Renewal                                                                                                               | E0G43LL | 943.908,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Predictor Runtime Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                                                                                           | D0495ZX | 943.411,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configure Price Quote per Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                                                            | E0HSBLL | 943.411,77 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                                                                     | D28NLLL | 943.411,77 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aptio Cloudability TotalCost Annual Cloud Spend Under Management per Annum                                                                                                                                                                | D0GWTZX | 931.097,30 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 1 Gbps Install License + SW Subscription & Support 12 Months                                                                                                                                         | D1BDDL  | 927.421,74 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Configure Price Quote Add-on for Red Hat OpenShift Resource Value Unit Quote Trade Up License from IBM Sterling Order Management Quote Add-on Resource Value Unit License + SW Subscription & Support 12 Months | D0BQ2ZX | 916.761,72 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7710 Remote Standby Module Large Install Annual SW Subscription & Support Renewal                                                                                                                                  | E0DHELL | 915.269,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7710 Software Large Install Annual SW Subscription & Support Renewal                                                                                                                                               | E0DHALL | 915.269,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Financial Controls Management Application License + SW Subscription & Support 12 Months                                                                                                                                         | D25UFL  | 909.167,52 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management RDM Hub for Financial Service Non- Production Install SW Subscription & Support Reinstatement 12 Months                                                                                                 | D16H4LL | 903.065,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management RDM Hub for Non-Financial Service Production Install SW Subscription & Support Reinstatement 12 Months                                                                                                  | D16GBLL | 903.065,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM AI Governance Express on Premises Install SW S&S Reinstatement 12 Mo                                                                                                                                                                      | D0DR3ZX | 900.771,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Pack for SAP Applications Install License + SW Subscription & Support 12 Months                                                                                                                             | D0N7XLL | 896.963,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Pack for SAP BW Server License + SW Subscription & Support 12 Months                                                                                                                                        | D598CLL | 896.963,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Access Edition per Petabyte Software Subscription & Support Reinstatement 12 Months                                                                                                                                    | D2712LL | 896.963,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Essential Management for IBM Cloud Pak for Data - Admin Engagement per Annum                                                                                                                                                  | D09T1ZX | 891.072,00 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Essential Management for IBM Cloud Pak for Data - Technical Account Manager Engagement per Annum                                                                                                                                            | D09UEZX | 891.072,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Enterprise Edition for Non-Production Environment Install License + SW Subscription & Support 12 Months                                                                                                                               | D0C2YLL | 890.111,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Standard Edition Install License + SW Subscription & Support 12 Months                                                                                                                                                                | D0735LL | 890.111,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 5000 Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                                                                                               | D59T7LL | 890.111,67 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Configure Price Quote Add-on for Red Hat OpenShift Resource Value Unit Configurator Trade Up License from IBM Sterling Order Management Configurator Add-on Resource Value Unit License + SW Subscription & Support 12 Months | D0BPVZX | 890.111,67 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for JD Edwards EnterpriseONE Establishment SW Subscription & Support Reinstatement 12 Months                                                                                                                                          | D59LULL | 890.111,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Oracle E-Business Establishment SW Subscription & Support Reinstatement 12 Months                                                                                                                                                 | D59LLLL | 890.111,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Oracle E-Businessfor zSeries Establishment SW Subscription & Support Reinstatement 12 Months                                                                                                                                      | D59LHLL | 890.111,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for PeopleSoft Enterprise Establishment SW Subscription & Support Reinstatement 12 Months                                                                                                                                             | D555WLL | 890.111,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for SAP Software Establishment SW Subscription & Support Reinstatement 12 Months                                                                                                                                                      | D5562LL | 890.111,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for SAP Software for zSeries Establishment SW Subscription & Support Reinstatement 12 Months                                                                                                                                          | D5834LL | 890.111,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Siebel Business Applications Establishment SW Subscription & Support Reinstatement 12 Months                                                                                                                                      | D5565LL | 890.111,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 500 Mbps Install License + SW Subscription & Support 12 Months                                                                                                                                                                        | D04FCZX | 884.760,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Automatic Data Lineage Non-Production Resource Unit SW Subscription & Support Reinstatement 12 Months                                                                                                                                                   | D08XLZX | 879.451,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Regulatory Compliance Management Application SW Subscription & Support Reinstatement 12 Months                                                                                                                                                | D25UWLL | 878.658,54 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure File Transfer Container Edition with Red Hat OpenShift Virtual Processor Core LIC + SW S&S 12 MO                                                                                                                                        | D06AGZX | 878.658,54 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Governance Express Unrestricted Add-on Non-Production Install SW Subscription & Support Reinstatement 12Months                                                                                                                                     | D0DFEZX | 874.121,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Operations Dashboard Five Gateways Application instance SW Subscription & Support Reinstatement 12 Months                                                                                                                                     | D1NB3LL | 869.533,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Container Edition Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                                                             | D28YQLL | 852.801,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Referenced Programs via REST APIs Non-Production Environment Resource Value Unit (RVU) License + SW Subscription & Support 12 Months                                                                            | D223HLL | 852.801,60 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Expert Essentials Basic Non-Saas Engagement per Annum                                                                                                                                                                                          | D0BPIZX | 850.636,08 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Automation Decision Services Establishment LIC + SW S&S 12 MO                                                                                                                    | D0DLBZX | 847.471,59 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Governance Express Install Annual SW Subscription & Support Renewal                                                                                                         | E0D3AZX | 847.471,59 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise 1B for IBM Cloud Instance Pay Per Use                                                                                                                     | D1RJWLL | 846.063,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 2.5 Gbps Install SW Subscription & Support Reinstate 12 Months                                                                                                 | D04E0ZX | 842.047,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 20 Gbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                                  | D04E1ZX | 842.047,77 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data for Non-Production Environment Virtual Processor Core License + SW Subscription & Support 12 Months                               | D296MLL | 842.047,77 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 10000 Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                              | D0BGWLL | 842.047,77 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 10000 Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                           | E07ZTLL | 842.047,77 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Enterprise Edition Resource Value Unit Trade Up from IBM Sterling Order Management Professional Edition Resource Value Unit License + SW S&S 12 Months | D1D63LL | 842.047,77 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Session for z/OS Workloads Per Simultaneous Session SW Subscription & Support Reinstatement 12 Months                                                           | D15I2LL | 836.811,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Information Server Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support 12 Months                                                     | D034RZX | 835.945,98 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Worldwide Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                     | D05CYZX | 835.945,98 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Worldwide Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                  | E05CZZX | 835.945,98 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Enterprise Install Trade Up from IBM Spectrum LSF Suite for Workgroups Install Trade Up License + SW Subscription & Support 12 Months                     | D1VNXL  | 835.945,98 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build AptioOne Plus Implementation L3 Engagement Remotely Del Svc                                                                                                    | D0GWIZX | 833.225,40 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Enterprise Install License + SW Subscription & Support 12 Months                                                                                          | D1VNVLL | 829.844,18 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Aviation Maintenance Optimization Install Licence Annual SW Subscription & Support Renewal                                                                            | E0PNBLL | 823.742,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7700 Data Module 16 Core Install Annual SW Subscription & Support Renewal                                                                                 | E090BLL | 823.742,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7700 Foundation Module 16 Core Install Annual SW Subscription & Support Renewal                                                                           | E090ALL | 823.742,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7700 Remote Standby Module 16 Core Install Annual SW Subscription & Support Renewal                                                                       | E090QLL | 823.742,39 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7700 User Module 16 Core Install Annual SW Subscription & Support Renewal                                                        | E090PLL | 823.742,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Standard Edition Server from Rational Build Forge Express Edition Server Trade Up License + SW Subscription & Support 12 Months    | D61P1LL | 817.640,59 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Server Agent per Virtual Server License + SW Subscription & Support 12 Months                                                          | D12U7LL | 817.640,59 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Enterprise Edition Accelerator for Oracle Applications Terabyte License + SW Subscription & Support 12 Months             | D0PSULL | 811.538,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Standard Edition Install SW Subscription & Support Reinstatement 12 Months                                              | D0J1BLL | 811.538,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Corporate Payment Services Virtual Server Annual SW Subscription & Support Renewal                                    | E0KRRL  | 804.831,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ELT Pushdown Express Non-Production Install SW Subscription & Support Reinstatement 12Months                                                            | D0D4VZX | 799.501,50 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Extra Extra Large Instance per Month                                                                            | D01W3ZX | 796.366,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 5Gbps Install SW Subscription & Support Reinstatement 12 Months                                                       | D1VX7LL | 794.171,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Unrestricted Add-on Install Annual SW Subscription & Support Renewal                                                     | E0DFIZX | 794.171,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Global Name Management Non-Production Environment Resource Value Unit SW Subscription & Support Reinstatement 12 Months                      | D0ZTCLL | 794.171,49 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Banking Business Vocabulary, Extra Large Instance per Annum                                                                                       | D1QVULL | 790.942,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM AI Governance Non-Production Install Annual SW Subscription & Support Renewal 12 Months                                                                 | E0CP3ZX | 788.841,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Automatic Test Generation Add On Floating User Single Install License + SW Subscription & Support 12 Months         | D09NRLL | 788.841,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Workgroup Edition Accelerator Oracle Applications Terabyte License + SW Subscription & Support 12 Months                       | D0UX1LL | 788.841,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Edition Server from Rational Build Forge Standard Edition Server Trade Up License + SW Subscription & Support 12 Months | D59CNLL | 788.841,48 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 300 Mbps Install License + SW Subscription & Support 12 Months                                                                        | D04EZX  | 783.511,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera faspio Gateway Install License + SW Subscription & Support 12 Months                                                                             | D26FULL | 783.511,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Simulator Virtual Server License + SW Subscription and Support 12 Months                                                                   | D288ALL | 783.511,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM StoredIQ for Legal Policy Syndication Framework per Connection License + SW Subscription & Support 12 Months                                            | D22WBLL | 783.511,47 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data Install Annual SW Subscription & Support Renewal 12 Months                                             | E0QJTLL | 778.181,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM Cloud Pak for Data 50 Concurrent Connections Annual SW Subscription & Support Renewal 12 Months     | E0QJ4LL | 778.181,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Scheduler Optimization per Install Annual SW Subscription & Support Renewal                                                                           | E0R3ELL | 772.851,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Explorer Deep Analytics Edition Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                | E0PPYLL | 772.851,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Application Dependency Discovery Manager Install License + SW Subscription & Support 12 Months                                                        | D575LLL | 767.521,44 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise Install License + SW Subscription & Support 12 Months                                                    | D115WLL | 767.521,44 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Operational Risk Management Application SW Subscription & Support Reinstatement 12 Months                                                          | D25UJLL | 762.191,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7600 Data Module 4 Core Server Annual SW Subscription & Support Renewal                                                               | E07NDLL | 762.191,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7600 Data Module 8 Core for Non-Production Environments Server Annual SW Subscription & Support Renewal                               | E08P5LL | 762.191,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7600 Foundation Module 4 Core Server Annual SW Subscription & Support Renewal                                                         | E07NCLL | 762.191,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7600 Foundation Module 8 Core for Non-Production Environments Server Annual SW Subscription & Support Renewal                         | E08P4LL | 762.191,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7600 Remote Standby Module 8 Core Server Annual SW Subscription & Support Renewal                                                     | E08NWLL | 762.191,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7600 User Module 4 Core Server Annual SW Subscription & Support Renewal                                                               | E07NFL  | 762.191,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7600 User Module 8 Core for Non-Production Environments Server Annual SW Subscription & Support Renewal                               | E08P6LL | 762.191,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Supply Collaboration Add-on for Red Hat OpenShift Resource Value Unit License + Software Subscription & Support 12 Months | D26RBLL | 762.191,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netezza Platform Development Software Non-Production Install License + SW Subscription & Support 12 Months                                                   | D14Z1LL | 756.410,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management RDM Hub for Non-Financial Service Non- Production Install License + SW Subscription & Support 12 Months                    | D16GZLL | 744.419,04 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Edition Server Initial Fixed Term License + SW Subscription & Support 12 Months                                              | D0BIKLL | 744.419,04 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Edition Server Subsequent Fixed Term License + SW Subscription & Support 12 Months                                           | E081HLL | 744.419,04 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PureData System for Analytics Additional 12.5% Capacity N3001-040 for Appliance Install Monthly License                                                      | D1ID2LL | 738.930,05 | Saas                      |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PureData System for Analytics Additional 12.5% Capacity N3001-040 for The Now Factory for Appliance Install Monthly License                                                                                  | D1IEFLL | 738.930,05 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Asia Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                               | D05DIZX | 738.317,25 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Asia Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                            | E05DJZX | 738.317,25 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Reservation Manager per Install SW Subscription & Support Reinstatement 12 Months                                                                                                          | D0V3YLL | 738.317,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Configure Price Quote Add-on for Red Hat OpenShift Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                           | D27UMLL | 738.186,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build ApptioOne Implementation L3 Engagement Remotely Del Svc                                                                                                                                    | D0GWFZX | 727.517,70 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Information Server Enterprise Edition on Cloud Managed Disaster Recovery Large Instance per Month                                                                                                                | D0108ZX | 727.517,70 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 5Gbps from Aspera High-Speed Transfer Server 1Gbps Install Trade Up License + SW Subscription & Support 12 Months                                                          | D1VX8LL | 726.113,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Safer Payments per Resource Value Unit Migration From Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                                              | D1MWJLL | 726.113,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 2500 Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                                                    | D59SXLL | 719.551,35 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Essential Management for IBM Cloud Pak for Data - Architect Engagement per Annum                                                                                                                 | D09T2ZX | 715.428,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Isolated Tenant Module Additional Tenant for IBM DataPower Gateway X2 Application instance License + SW Subscription & Support 12 Months                                                                         | D1WMMLL | 713.355,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 5Gbps Install from Enterprise Server & Connect for Web Access 1Gbps Install Trade Up License + SW Subscription & Support 12 Months                                         | D1Y8WLL | 707.808,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Planner Edition Authorized User License + SW Subscription & Support 12 Months                                                                                                   | D095PLL | 707.808,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Modernization Virtual Processing Core from Cognos Planning or TM1 without Workspace Modernization Virtual Processor Core Trade Up Lic + Subscription and Support 12 Months       | D03M0ZX | 707.808,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Modernization Virtual Processing Core from Planning Analytics Local or TM1 with Workspace Modernization Virtual Processor Core Trade Up Lic + Subscription and Support 12 Months | D03LZZX | 707.808,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Modernization Virtual Processor Core from Performance Management Advanced with Workspace 70 Processor Value Units Trade Up Lic + Subscription and Support 12 Months              | D03M2ZX | 707.808,27 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Modernization Virtual Processor Core from Performance Management Advanced without Workspace 70 Processor Value Units Trade Up Lic + Subscription and Support 12 Months | D03M3ZX | 707.808,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Modernization Virtual Processor Core from Planning Analytics Advanced 70 Processor Value Units Trade Up Lic + Subscription and Support 12 Months                       | D03M1ZX | 707.808,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Analytics & Cognos Initiate - Non-Saas Engagement Remotely Delivered Service -- Software Services                                                                                      | D06TXZX | 706.860,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Analytics & Cognos Initiate - Saas Engagement Remotely Delivered Service -- Cloud Services                                                                                             | D06F6ZX | 706.860,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Cloud Pak for Data Initiate - Non-Saas Engagement Remotely Delivered SW Services                                                                                                       | D05WQZX | 706.860,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Cloud Pak for Data Initiate - Saas Engagement Remotely Del Svc                                                                                                                         | D05WMZX | 706.860,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Data Science Initiate - Non-Saas Engagement Remotely Delivered Service - Software Services                                                                                             | D06U2ZX | 706.860,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Data Science Initiate - Saas Engagement Remotely Delivered Service                                                                                                                     | D06TMZX | 706.860,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Databases Initiate - Non-Saas Engagement Remotely Delivered Service - Software Services                                                                                                | D06UCZX | 706.860,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Databases Initiate - Saas Engagement Remotely Delivered Service - Cloud Services                                                                                                       | D06U9ZX | 706.860,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs DataOps Initiate - Non-Saas Engagement Remotely Delivered Service - Software Services                                                                                                  | D06TJZX | 706.860,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs DataOps Initiate - Saas Engagement Remotely Delivered Service                                                                                                                          | D06TQZX | 706.860,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs OpenPages Initiate - Non-Saas Engagement Remotely Delivered Service -- Software Services                                                                                               | D06ULZX | 706.860,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs OpenPages Initiate - Saas Engagement Remotely Delivered Service -- Cloud Services                                                                                                      | D06ECZX | 706.860,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 5000 Floating User SW Subscription & Support Reinstatement 12 Months                                                                                | D5312LL | 698.231,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Supply Collaboration Add-on Resource Value Unit License + Software Subscription & Support 12 Months                                                                      | D0NX7LL | 698.231,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Incident Forensics Application instance SW Subscription & Support Reinstatement 12 Months                                                                                          | D14C9LL | 698.159,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Incident Forensics Standalone Install SW Subscription & Support Reinstatement 12 Months                                                                                            | D1FRILL | 698.159,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity 50K Flows Per Minute License + SW Subscription & Support 12 Months                                                                                                  | D1RQMLL | 695.394,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Capacity Pack Increase of 100K FPM Install SW Subscription & Support Reinstatement 12 Months                                                                             | D0V5MLL | 693.094,54 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Enterprise Instance per Month                                                                                                                                                         | D1H85LL | 690.209,10 | Saas                      |

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| Real | 12 |  | PPA | 7831 | IBM Security QRadar Event Capacity 1K Events Per Second License + SW Subscription & Support 12 Months                                                            | D1RNXL  | 689.495,30 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM UrbanCode Deploy Agent for z/OS Workloads Per Managed Virtual Server License + SW Subscription & Support 12 Months                                           | D15HWLL | 687.571,29 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM UrbanCode Deploy Session for z/OS Workloads Per Simultaneous Session from Competitive Trade Up License + SW S&S 12 Months                                    | D15I3LL | 687.571,29 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Apptio Targetprocess Advanced Plus Onboarding Engagement Remotely Del Svc                                                                  | D0GVAZX | 683.991,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build ApptioOne Plus Implementation L2 Engagement Remotely Del Svc                                                                               | D0GWHZX | 683.991,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Big Replicate for Hive Install License + SW Subscription & Support 12 Months                                                                                 | D1YFSL  | 682.241,28 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Data Replication Targets for z/OS Sources Per Install License + SW Subscription & Support 12 Months                                                          | D1RC9LL | 682.241,28 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Financial Transaction Manager for UK Payments Integration Virtual Server SW Subscription & Support Reinstatement 12 Months                                   | D1CBELL | 682.241,28 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Rational Performance Test Pack Virtual Testers 100000 Floating User Annual SW Subscription & Support Renewal                                                 | E012QL  | 682.241,28 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Aspera Enterprise 1 Gbps Install SW Subscription & Support Reinstatement 12 Months                                                                           | D04F2ZX | 676.911,27 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition Terabyte License + SW Subscription & Support 12 Months                                              | D0PSHLL | 676.911,27 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar Event Capacity 2.5K Events Per Second SW Subscription & Support Reinstatement 12 Months                                                      | D1RP4LL | 675.366,17 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar Flows Capacity 100K Flows Per Minute SW Subscription & Support Reinstatement 12 Months                                                       | D1RQULL | 675.366,17 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Terabyte from InfoSphere Optim Workgroup Edition Terabyte Trade Up License + SW Subscription & Support 12 Months | D0V1XLL | 671.197,50 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Sterling File Gateway Financial Standard Edition for Non-Production Environment Install License + SW Subscription & Support 12 Months                        | D0J1ELL | 671.197,50 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar Risk Manager Added 100 Standard Configuration Source Install License + SW Subscription & Support 12 Months                                   | D0WVULL | 668.847,31 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Watson Initiate - Non-SaaS Engagement Remotely Delivered Service -- Software Services                                                            | D06TTZX | 667.590,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Watson Initiate - SaaS Engagement Remotely Delivered Service                                                                                     | D06TZZX | 667.590,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Big Replicate for Backup per Install License + SW Subscription & Support 12 Months                                                                           | D21Y3LL | 665.095,70 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM ILOG CPLEX Optimizer Cluster Edition per Establishment License + SW Subscription & Support 12 Months                                                         | D1R0PLL | 665.095,70 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Optim Test Data Fabrication Establishment License + SW Subscription & Support 12 Months                                                           | D1V8DLL | 665.095,70 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Standard Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                                              | D0J00LL | 665.095,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ELT Pushdown Express Unrestricted Add-on Install SW Subscription & Support Reinstatement 12Months                                                                                                                                                     | D0DE8ZX | 660.921,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Isolated Tenant Module Additional Tenant for IBM DataPower Gateway X3 Application instance License + SW S&S 12 Months                                                                                                                                 | D09WUZX | 660.735,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition Accelerator for Oracle Applications Terabyte from Test Data Management Workgroup Edition Accelerator for Oracle Applications Terabyte Trade Up License + SW Subscription & Support 12 Months | D0V2ELL | 658.993,91 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Business Continuity Management Application SW Subscription & Support Reinstatement 12 Months                                                                                                                                                | D28FFLL | 658.993,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Data Privacy Management Application SW Subscription & Support Reinstatement 12 Months                                                                                                                                                       | D0516ZX | 658.993,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Internal Audit Management Application SW Subscription & Support Reinstatement 12 Months                                                                                                                                                     | D25UTLL | 658.993,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages IT Governance Application SW Subscription & Support Reinstatement 12 Months                                                                                                                                                                 | D25UMLL | 658.993,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Loss Event Entry Application SW Subscription & Support Reinstatement 12 Months                                                                                                                                                              | D1N7NLL | 658.993,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Model Risk Governance Application SW Subscription & Support Reinstatement 12 Months                                                                                                                                                         | D25UZLL | 658.993,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Policy Management Application SW Subscription & Support Reinstatement 12 Months                                                                                                                                                             | D25UQLL | 658.993,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Third Party Risk Management Application SW Subscription & Support Reinstatement 12 Months                                                                                                                                                   | D25U6LL | 658.993,91 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Video Highlights Medium Instance per Annum                                                                                                                                                                                                            | D012BZX | 658.869,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Standard Edition Install License + SW Subscription & Support 12 Months                                                                                                                                                      | D0ZYULL | 652.892,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Standard Edition Server SW Subscription & Support Reinstatement 12 Months                                                                                                                                                        | D59BDLL | 652.892,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | DataSTax Luna Enterprise Cluster per Month                                                                                                                                                                                                                | D060ZZX | 652.764,70 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One Software 31XX Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                               | D0WRCLL | 652.572,56 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Compass Saas - Accelerator Large Edition with 3-year S&S Fiber                                                                                                                                                                                            | D06CIZX | 652.142,40 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 500 Standard Configuration Source Install Annual SW Subscription & Support Renewal                                                                                                                                 | E0G3ULL | 650.039,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Content for Master Data Management Server Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                                     | D0C24LL | 644.931,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Plus Edition Server Annual SW Subscription & Support Renewal                                                                                                                                                          | E066JLL | 644.931,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Enterprise Install Trade Up from IBM Spectrum LSF Suite for HPC Install Trade Up License + SW Subscription & Support 12 Months                                                                                                 | D1VNYLL | 644.931,21 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Session for z/OS Workloads Per Simultaneous Session Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                                    | D15I5LL | 644.931,21 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Session for z/OS Workloads Per Simultaneous Session Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                                 | E0JRTLL | 644.931,21 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Platinum per Instance per Month                                                                                                                                                                                                  | D1M2JLL | 640.464,30 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 2.5Gbps Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                      | D20I0LL | 639.601,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Modernization Virtual Processor Core From IBM Cognos Analytics Explorer 70 Process Value Units Trade Up License + Subscription and Support 12 Months                                                           | D03DGZX | 639.601,20 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Modernization Virtual Processor Core From IBM Cognos Analytics USER 70 Process Value Units Trade Up License + SW Subscription & Support 12 Months                                                              | D03ZYZX | 639.601,20 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Modernization Virtual Processor Core From IBM Cognos Analytics VIEWER 70 Process Value Units Trade Up License + SW Subscription & Support 12 Months                                                            | D03ZXZX | 639.601,20 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition Accelerator for Oracle Applications Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                  | D0PSPLL | 639.601,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Enterprise Edition for Red Hat OpenShift Resource Value Unit Trade up License from IBM Sterling Order Management Enterprise Edition Resource Value Unit License + SW Subscription & Support 12 Months | D0BQ7ZX | 639.601,20 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 10 Gbps Install from Aspera Enterprise 5 Gbps Install Trade Up License + SW Subscription & Support 12 Months                                                                                                           | D04F3ZX | 634.271,19 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                                                                   | D0TEPLL | 634.271,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for SWIFT Services Virtual Server Annual SW Subscription & Support Renewal                                                                                                                                 | E0LYNLL | 628.941,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 20 Gbps Install Annual SW Subscription & Support Renewal                                                                                                                                                               | E04E3ZX | 628.484,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Dashboards Application License + SW Subscription & Support 12 Months                                                                                                                                        | D29KALL | 628.484,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Enterprise Plus Install Annual SW S&S Rnwl                                                                                                                                                                        | E05BCZX | 628.484,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data Install SW Subscription and Support Renewal 12 Months                                                                                                                   | E0R3BLL | 815.491,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR per User Value Unit (Concurrent User) License + SW Subscription & Support 12 Months                                                                                                                                 | D22N8LL | 626.813,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Enterprise Adapter for Oracle Applications Server SW Subscription & Support Reinstatement 12 Months                                                                                                                               | D61DHLL | 622.383,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Enterprise Adapter for SAP Applications Server SW Subscription & Support Reinstatement 12 Months                                                                                                                                  | D04QELL | 622.383,14 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Client Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                  | D15C8LL | 622.383,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise Install from TRIRIGA Workplace Performance Management Facilities Install Trade Up License + SW Subscription & Support 12 Months            | D115ZLL | 622.383,14 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise Install from TRIRIGA Workplace Performance Management Operations Management Install Trade Up License + SW Subscription & Support 12 Months | D1160LL | 622.383,14 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise Install from TRIRIGA Workplace Performance Management Projects Install Trade Up License + SW Subscription & Support 12 Months              | D1161LL | 622.383,14 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise Install from TRIRIGA Workplace Performance Management Real Estate Install Trade Up License + SW Subscription & Support 12 Months           | D115YLL | 622.383,14 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Essential Management for IBM Cloud Pak for Data - Data Scientist Engagement per Annum                                                                                              | D09UDZX | 621.180,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Streaming 10Gbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                                                 | D1YATLL | 616.281,34 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 1000 Floating Users License + SW Subscription & Support 12 Months                                                                               | D530RLL | 616.281,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Reservation Manager Non Production Environment per Install License + SW Subscription & Support 12 Months                                                                     | D0V4ELL | 616.281,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sourceworks 2060 Capacity Feature Pack 15Gbps to 30Gbps Install Software Subscription and Support Reinstatement 12 Months                                                                      | D1SUXLL | 615.752,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sourceworks 2060 Capacity Feature Pack 30Gbps to 45Gbps Install Software Subscription and Support Reinstatement 12 Months                                                                      | D1SUZLL | 615.752,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sourceworks 2060 Capacity Feature Pack 45Gbps to 60Gbps Install Software Subscription and Support Reinstatement 12 Months                                                                      | D1SV1LL | 615.752,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Red Hat OpenShift Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                      | D28STLL | 612.951,15 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Compass Saas - Accelerator Large Edition with 3-year S&S - SAS                                                                                                                                     | D06CHZX | 611.383,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Expert Services - Direct On Demand Consulting Premium Engagement Pay per Use                                                                                                            | D00X0ZX | 607.950,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Analytics Content Hub Server Install SW Subscription & Support Reinstatement 12 Months                                                                                                         | D0D6TZX | 607.621,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Risk Management for ESG Application SW S&S Reinstatement 12 Mo                                                                                                                       | D0BXEZX | 607.621,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Batch Data Transformation per Resource Value Unit License + SW Subscription & Support 12 Months                                                                          | D2375LL | 605.700,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for South America Install Initial Fixed Term License + SW Subscription & Support 12 Months                                        | D05EJZX | 602.291,13 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for South America Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                | E05EKZX | 602.291,13 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management RDM Hub for Financial Service Production Install Annual SW Subscription & Support Renewal                                                                               | E0JZRL  | 596.961,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event Capacity Pack Increase of 2.5K EPS Install SW Subscription & Support Reinstatement 12 Months                                                                                   | D0V5KLL | 592.154,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Order Management Software Enterprise Edition for IBM Cloud Private Resource Value Unit (RVU) from IBM Sterling Order Management Enterprise Edition Trade Up License + SW Subscription & Support 12 Months | D227GLL | 591.631,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Apptio Cloudability TotalCost Advanced Onboarding Engagement Remotely Del Svc                                                                                                           | D0GW4ZX | 590.719,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Africa and Middle East Install Initial Fixed Term License + SW Subscription & Support 12 Months                                          | D05BXZX | 590.653,80 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Africa and Middle East Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                       | E05BYZX | 590.653,80 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Automatic Data Lineage Resource Unit Annual SW Subscription & Support Renewal                                                                                                                             | E08XCZX | 586.301,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | MANTA Automated Data Lineage for IBM Cloud Pak for Data Resource Unit Annual SW S&S Rnwl                                                                                                                      | E0A5DZX | 586.301,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 500 Remote/Branch Configuration Source Install SW Subscription & Support Reinstatement 12 Months                                                                       | D0WWMLL | 584.780,50 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Platinum 2.0 per Instance per Month                                                                                                                                                          | D1M31LL | 583.879,59 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Governance Express Unrestricted Add-on Install Annual SW Subscription & Support Renewal                                                                                                              | E0DF6ZX | 580.971,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Multiplatform Base Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                | D105YLL | 580.971,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 2500 Floating User SW Subscription & Support Reinstatement 12 Months                                                                                       | D530WLL | 580.971,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Add-on for Global High Availability Mailbox Resource Value Unit License + SW Subscription & Support 12 Months                                                                     | D1JY2LL | 580.971,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on for Global High Availability Mailbox Resource Value Unit License + SW Subscription & Support 12 Months                                                                       | D1JXMLL | 580.971,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | MQ 100 Virtual Server SW S&S Reinstatement 12 Mo                                                                                                                                                              | D22VQLL | 580.971,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Delivery and Service Scheduling Add-on for Red Hat OpenShift Resource Value Unit License + Software Subscription & Support 12 Months                                   | D26RELL | 580.890,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Qradar SIEM Event Processor 16XX Install SW Subscription & Support Reinstatement 12 Months                                                                                                       | D0WPQLL | 578.881,08 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Qradar SIEM Flow Processor 17XX Install SW Subscription & Support Reinstatement 12 Months                                                                                | D0WPWLL | 578.881,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Engine Bulk Import Tool Virtual Server License + SW Subscription & Support 12 Months                                                                              | D0N7MLL | 575.641,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet High Performance Image Import Server License + SW Subscription & Support 12 Months                                                                                        | D04FVLL | 575.641,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                     | D26QWLL | 575.641,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Application Dependency Discovery Manager Install from RDS (AAS) Trade Up License + SW Subscription & Support 12 Months                                                     | D5831LL | 575.641,08 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Standard Edition Install License + SW Subscription & Support 12 Months                                                                                      | D0ZZ2LL | 574.178,95 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Cloud Key Management per Resource Value Unit (Entity ID) License + SW Subscription & Support 12 Months                                                      | D2370LL | 571.415,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 5 Gbps Install from Aspera Enterprise 2.5 Gbps Install Trade Up License + SW Subscription & Support 12 Months                                                   | D04EJZX | 570.311,07 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Standard Edition Install Trade Up from IBM Cognos Controller Small and Medium Enterprise Edition Install Trade Up License + SW Subscription & Support 12 Months | D221ULL | 570.311,07 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build AptioOne Implementation L2 Engagement Remotely Del Svc                                                                                                          | D0GWEZX | 565.847,10 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Server Enterprise Twenty Gigabits Per Second Monthly License                                                                                           | D1W4NLL | 565.608,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Network Management for Smart meters Managed Client Device 250,000 Annual SW Subscription & Support Renewal 12 Months                                   | E0M1DLL | 564.981,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management for Smart meters Managed Client Device 250,000 Annual SW Subscription & Support Renewal 12 Months                                | E0M0MLL | 564.981,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Safer Payments per Resource Value Unit Annual SW Subscription & Support Renewal                                                                                                   | E0MMILL | 564.981,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 10 Gbps Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                                 | D1BZLLL | 563.805,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 2.5K Events Per Second License + SW Subscription & Support 12 Months                                                         | D1RPYLL | 561.920,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Non-Production 2.5K Events Per Second License + SW Subscription & Support 12 Months                                                            | D20MZLL | 561.920,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 100K Flows Per Minute License + SW Subscription & Support 12 Months                                                          | D1RRNLL | 561.920,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Non-Production 100K Flows Per Minute License + SW Subscription & Support 12 Months                                                             | D20NDLL | 561.920,23 | Permanente com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                                              | D08HLZX | 561.365,18 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Mgmt Enterprise Edition Terabyte From ISO Data Privacy Workgroup Edition Terabyte Trade Up License + SW Subscription & Support 12 Months                                                   | D0Y7MLL | 559.651,05 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Standard for Non-Production Environment Install License + SW Subscription & Support 12 Months                                                                                                   | D0J12LL | 559.651,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 1 Gbps Install SW Subscription & Support Reinstatement 12 Months                                                                                                                 | D1BDELL | 559.534,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 10Gbps from Aspera High-Speed Transfer Server 5Gbps Install Trade Up License + SW Subscription & Support 12 Months                                                                  | D1VXBLL | 554.321,04 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services-COLD Install License + SW Subscription & Support 12 Months                                                                                                                                     | D04JGLL | 554.321,04 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 5000 Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                    | D0BGVLL | 554.321,04 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 5000 Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                 | E07ZSLL | 554.321,04 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Business Service Manager for the Enterprise Base Install License + SW Subscription & Support 12 Months                                                                                                         | D0I04LL | 554.321,04 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Banking Business Vocabulary, Large Instance per Annum                                                                                                                                                           | D1QVTLL | 553.659,60 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Essentials Technical Account Manager Services Engagement per Annum                                                                                                                                             | D0CPXZX | 553.659,60 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Essentials Technical Account Manager Services Non-Saas Engagement per Annum                                                                                                                                    | D0CPYZX | 553.659,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                                                       | D26QDLL | 553.432,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Enterprise Edition for Non-Production Environment Install from IBM Cognos Controller Standard Edition for Non-Production Environment Install Trade Up License + SW Subscription & Support 12 Months | D157PLL | 552.212,49 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server Enterprise Twenty Gigabits Per Second Annual SW Subscription & Support Renewal 12 Months                                                                                            | E0P1ZLL | 548.991,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server Enterprise Twenty Gigabits Per Second from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                                | D1YG7LL | 548.991,03 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM ELT Pushdown Express Unrestricted Add-on Non-Production Install License + SW Subscription & Support 12Months                                                                                                          | D0DEDZX | 548.991,03 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Digital Payments Virtual Server Annual SW Subscription & Support Renewal                                                                                                            | E0KRULL | 548.991,03 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Automatic Test Generation Add On Floating User Single Install from Authorized User Trade Up License + SW Subscription & Support 12 Months                                                                | D09TCLL | 547.941,23 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Financial Controls Management Application SW Subscription & Support Reinstatement 12 Months                                                                                                                                        | D25UGLL | 547.331,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build ApptioOne Plus Implementation L1 Engagement Remotely Del Svc                                                                                                                                                               | D0GWGZX | 547.192,80 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Worldwide Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                         | D05HIZX | 543.661,02 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Worldwide Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                      | E05HJZX | 543.661,02 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Delivery and Service Scheduling Add-on Resource Value Unit License + Software Subscription & Support 12 Months                                                                                                     | D0NWVLL | 543.059,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Pack for SAP Applications Install SW Subscription & Support Reinstatement 12 Months                                                                                                                            | D0N7YLL | 538.331,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Pack for SAP BW Server SW Subscription & Support Reinstatement 12 Months                                                                                                                                       | D598ELL | 538.331,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                   | D08H1ZX | 537.568,18 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 50 Standard Configuration Source Install License + SW Subscription & Support 12 Months                                                                                                                    | D0WVRLL | 534.383,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Enterprise Edition for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                                                                                                | D0C2ZLL | 533.001,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Standard Edition Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                                 | D0736LL | 533.001,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ELT Pushdown Express Install Annual SW Subscription & Support Renewal                                                                                                                                                                        | E0D4EZX | 533.001,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Global Name Management Resource Value Unit Annual SW Subscription & Support Renewal                                                                                                                                               | E0HPALL | 533.001,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 50000 Floating User Annual SW Subscription & Support Renewal                                                                                                                                  | E012PLL | 533.001,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Professional Edition for Red Hat OpenShift Resource Value Unit Trade Up License from IBM Sterling Order Management Professional Edition Resource Value Unit License + SW Subscription & Support 12 Months | D0BQ8ZX | 533.001,00 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 500 Mbps Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                                         | D04FEZX | 532.076,56 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Continuous Availability Extra Extra Large Instance per Month                                                                                                                                         | D01VWZX | 531.746,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Large Per Instance Monthly Subscription with Support per Month                                                                                                                                       | D1Y6LLL | 531.746,88 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Premium Feature Pack for i per Install License + SW Subscription & Support 12 Months                                                                    | D1SNULL | 530.856,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Premium Feature Pack for Multiplatforms per Install License + SW Subscription & Support 12 Months                                                       | D1SLXLL | 530.856,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Integration for Hadoop for Non-Production Environments per 5 Virtual Servers Annual SW Subscription & Support Renewal 12 Months                                             | E0N9YLL | 528.538,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure File Transfer Container Edition with Red Hat OpenShift Virtual Processor Core SW S&S REINSTATE 12 MO                                                             | D06AJZX | 527.670,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Workgroup Edition Terabyte License + SW Subscription & Support 12 Months                                                                                | D0UX5LL | 527.137,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Pricing Add-on Resource Value Unit License + SW Subscription & Support 12 Months                                                                       | D0P88LL | 527.137,99 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Environmental Intelligence Suite - Vegetation Management LiDAR 500 Records Set Up                                                                                                | D0CQAZX | 526.673,07 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 2.5 Gbps Install from Aspera Enterprise 1 Gbps Install Trade Up License + SW Subscription & Support 12 Months                                                  | D04DWZX | 524.754,41 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 10Gbps Install from Enterprise Server & Connect for Web Access 5Gbps Install Trade Up License + SW Subscription & Support 12 Months            | D1Y8ZLL | 524.144,23 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 10 Gbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                                  | D04F4ZX | 521.274,98 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription and Support 12 Months                                            | D03JSZX | 520.741,98 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Edition for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                              | D26QQLL | 518.609,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Workgroup Edition Oracle App Terabyte License + SW Subscription & Support 12 Months                                                        | D0TL1LL | 516.211,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Non-RDBMS Targets Per Install License + SW Subscription & Support 12 Months                                                                          | D1RCMLL | 515.601,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Console Software 31XX Install SW Subscription & Support Reinstatement 12 Months                                                                             | D0WRILL | 512.434,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Container Edition Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                  | D28YRLL | 512.213,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Standard Edition Server Initial Fixed Term License + SW Subscription & Support 12 Months                                                                    | D0BIPLL | 511.680,96 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Standard Edition Server Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                 | E081LLL | 511.680,96 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Referenced Programs via REST APIs Non-Production Environment Resource Value Unit (RVU) SW Subscription & Support Reinstatement 12 Months | D223ILL | 511.680,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Enterprise Edition Terabyte License + SW Subscription & Support 12 Months                                                                          | D0PSQLL | 510.614,96 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Mgmt Enterprise Edition Accelerator Oracle Applications Terabyte From ISO Data Privacy Workgroup Edition Accelerator Oracle Applications Terabyte Trade Up License + SW Subscription & Support 12 Months                    | D0YF9LL | 510.614,96 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Automation Decision Services Establishment SW S&S Reinstatement 12 Mo                                                                                                                                                                                  | D0DLEZX | 508.482,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data for Non-Production Environment Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                                 | D296NLL | 506.350,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                         | D08HBZX | 503.398,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 1 Gbps Install from Aspera Enterprise 500 Mbps Install Trade Up License + SW Subscription & Support 12 Months                                                                                                                        | D04EYZX | 502.619,94 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center for IBM Cloud Pak for Data Application License + SW Subscription & Support 12 Months                                                                                                                                      | D29KELL | 502.619,94 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Archiving Adapter for InfoSphere Optim Data Growth Solution Install Licence + SW Subscription & Support 12 Months                                                                                                                               | D16MOLL | 502.619,94 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Enterprise Edition Accelerator for Oracle Applications Terabyte from InfoSphere Optim Data Privacy Workgroup Edition Accelerator for Oracle Applications Terabyte Trade Up License + SW Subscription & Support 12 Months | D0V23LL | 501.553,94 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Information Server Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                                                       | D034TZX | 500.957,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Standard Edition from Sterling File Gateway Standard Edition Install Trade Up License + SW Subscription & Support 12 Months                                                                                            | D0J4LLL | 500.957,41 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Teradata Encryption per Resource Value Unit License + SW Subscription & Support 12 Months                                                                                                                                        | D1V81LL | 500.393,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Erasure Code Edition per Petabyte Annual SW Subscription & Support Renewal 12 Months                                                                                                                                                     | E0Q6ALL | 500.347,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Quick Report Enterprise Edition Server License + SW Subscription & Support 12 Months                                                                                                                                              | D60RVLL | 498.888,94 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Disaster Recovery Extra Extra Large Instance per Month                                                                                                                                                         | D01VXZX | 498.512,70 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One 31XX Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                                         | D0V5ILL | 497.026,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Non-Production Install Annual SW Subscription & Support Renewal                                                                                                                                                         | E0D5PZX | 496.223,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Enterprise Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                                            | D1VNWLL | 494.855,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for FIX per Establishment Annual SW Subscription & Support Renewal                                                                                                                                                        | E04P1LL | 493.025,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Server Agent per Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                                                                                                     | D12U8LL | 489.294,92 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                                                         | D26Q7LL | 488.753,81 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Enterprise Edition for Red Hat OpenShift Resource Value Unit Annual SW Subscription & Support Renewal                                                                      | E0QNVLL | 488.753,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Order Management Software Professional Edition for IBM Cloud Private Resource Value Unit (RVU) from IBM Sterling Order Management Professional Edition Trade Up License + SW Subscription & Support 12 Months | D227KLL | 488.228,92 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Verify - Non-Saas Engagement Remotely Delivered SW Services                                                                                                                                 | D03WWZX | 487.499,04 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Verify - Saas Engagement Remotely Delivered Service                                                                                                                                         | D0DKHZX | 487.499,04 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Configure & Build Guardium - Saas Engagement Remotely Delivered Service                                                                                                                           | D0EG7ZX | 487.499,04 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Install & Build Guardium - Non-Saas Engagement Remotely Delivered SW Services                                                                                                                     | D054DZX | 487.499,04 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption on SAP HANA per Resource Value Unit (MVS) License + SW Subscription & Support 12 Months                                                                    | D28JHLL | 485.702,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption on Teradata per Resource Value Unit (MVS) License + SW Subscription & Support 12 Months                                                                    | D28JFLL | 485.702,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Gold Concurrent User License + SW Subscription & Support 12 Months                                                                                                                               | D10N7LL | 485.702,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data 10 Thousand Monthly Active Users License + SW Subscription & Support 12 Months                                                                          | D26AZLL | 485.702,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Asia Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                                        | D05F4ZX | 484.482,55 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Asia Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                     | E05F5ZX | 484.482,55 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Operations Dashboard Single Gateway Application instance License + SW Subscription & Support 12 Months                                                                                              | D1NAWLL | 483.731,03 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 10 Gbps Install License + SW Subscription & Support 12 Months                                                                                                                                 | D04FPZX | 483.431,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Enterprise Edition Accelerator for Oracle Applications Terabyte SW Subscription & Support Reinstatement 12 Months                                                               | D0PSVLL | 483.431,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 250 Remote/Branch Configuration Source Install License + SW Subscription & Support 12 Months                                                                               | D0WWILL | 482.886,82 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Deployment Accelerator Services for IBM Cloud Pak for Applications Engagement Remotely Delivered SW Services                                                                                                  | D02MCZX | 481.950,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Deployment Accelerator Services for IBM Cloud Pak for Automation SW Services Engagement Remotely Delivered SW Services                                                                                        | D02MEZX | 481.950,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Deployment Accelerator Services for IBM Cloud Pak for Integration Engagement Remotely Delivered SW Services                                                                                                   | D02MFZX | 481.950,00 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Deployment Accelerator Services for IBM Cloud Pak for Multicloud Management Engagement Remotely Delivered SW Services                                                                                                                | D02MDZX | 481.950,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 5Gbps Install from Enterprise Server & Connect for Web Access 2.5Gbps Install Trade Up License + SW Subscription & Support 12 Months                                                               | D1Y8XLL | 478.380,76 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Virtualization Server Simultaneous Session Annual SW Subscription & Support Renewal                                                                                                                                    | E0IQLLL | 478.380,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Automatic Test Generation Add On Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                                                  | D09H2LL | 476.502,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                     | D08GRZX | 474.719,69 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 500 Floating User License + SW Subscription & Support 12 Months                                                                                                                       | D530ILL | 474.370,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Workgroup Edition Accelerator Oracle Applications Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                                | D0UX2LL | 472.238,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 300 Mbps Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                                 | D04ECZX | 471.668,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera faspio Gateway Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                                      | D26FVLL | 471.668,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 2.5Gbps Install from Aspera High-Speed Transfer Server 1Gbps Install Trade Up License + SW Subscription & Support 12 Months                                                                        | D20I1LL | 471.668,78 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Inference Virtual Server License + SW Subscription & Support 12 Months                                                                                                                                                  | D048WZX | 471.668,78 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configure Price Quote for Non-Production Environment per Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                        | E0HSELL | 471.668,78 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Concurrent User License + SW Subscription & Support 12 Months                                                                                                                                                   | D0EPGLL | 468.507,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Mgmt Enterprise Edition Accelerator Oracle Applications Terabyte From ISO Data Privacy Enterprise Edition Accelerator Oracle Applications Terabyte Trade Up License + SW Subscription & Support 12 Months | D0YF8LL | 467.974,88 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for ISO 20022 High Value Payments Resource Value Unit Monthly License                                                                                                                                  | D27YELL | 467.159,70 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM StepZen Graph Server Enterprise Instance per Annum                                                                                                                                                                                   | D0EX6ZX | 466.357,56 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 1 Gbps Non-Production Environment Install License + SW Subscription & Support 12 Months                                                                                                         | D1BZMLL | 465.309,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Order Management Software Enterprise Edition for IBM Cloud Private Resource Value Unit (RVU) Annual SW Subscription & Support Renewal                                                                                                | E0PT6LL | 465.309,87 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Platinum 2.0 per Instance per Month                                                                                                                                                                         | D1M2WLL | 465.113,88 | Saas                      |

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| Real | 12 |  | PPA | 7831 | IBM Rational Performance Test Pack Virtual Testers 1000 Floating Users from Competitive Trade Up License + SW Subscription & Support 12 Months                                                                                                                | D59SZLL | 463.126,28 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Tivoli Application Dependency Discovery Manager Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                                 | D575MLL | 462.516,10 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                             | D115XLL | 462.516,10 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Watson Speech Services Cartridge for IBM Cloud Pak for Data for Non-Production Environment Additional Capacity 8 Virtual Processor Core License + SW Subscription & Support 12 Months                                                                     | D26AILL | 461.045,87 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Informix Advanced Enterprise Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                            | D0529ZX | 460.892,58 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Optim Test Data Management Workgroup Edition Accelerator Oracle Applications Terabyte From IBM InfoSphere Optim Data Privacy Workgroup Edition Accelerator Oracle Applications Terabyte Trade Up License + SW Subscription & Support 12 Months | D0YFFLL | 459.446,86 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Western Europe Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                         | D05CUZX | 458.855,02 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Western Europe Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                      | E05CVZX | 458.855,02 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Aspera High-Speed Transfer Server 5Gbps Install from Aspera High-Speed Transfer Server 2.5Gbps Install Trade Up License + SW Subscription & Support 12 Months                                                                                             | D20HYLL | 458.244,84 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Sterling Order Management Enterprise Edition Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                                                                                       | E0KU2LL | 457.634,66 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Cognos Integration Server Standard Edition Install Trade Up from Cognos Integration Server Starter Edition Install License + SW Subscription & Support 12 Months                                                                                          | D0ZYWLL | 456.248,86 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Smart Analytics System 7710 Software Large for Non-Prod Environments Install Annual SW Subscription & Support Renewal                                                                                                                                     | E0DHCLL | 455.182,85 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM SPSS Predictive Analytics Enterprise Concurrent User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                                                                     | D15CDLL | 455.182,85 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Predictive Analytics Enterprise Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                                                                  | E0JPYLL | 455.182,85 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Information Server Pack for SAP BW for Non-Prod Environments Server License + SW Subscription & Support 12 Months                                                                                                                              | D59PELL | 454.583,77 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Netezza Platform Development Software Non-Production Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                            | D14Z2LL | 454.183,75 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Sterling Order Management Software Supply Collaboration Add-on for Red Hat OpenShift Resource Value Unit Software Subscription & Support Reinstatement 12 Months                                                                                          | D26RCLL | 453.050,85 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Standard Edition-AddOn-Set Up and Production Readiness-Labor-Additional-Instance On-Demand Set Up                                            | D1SPULL | 452.677,68 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 100 Mbps Install License + SW Subscription & Support 12 Months                                                                                       | D04DSZX | 452.517,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Speech to Text Cartridge for IBM Cloud Pak for Data 500000 Monthly Minutes Annual SW Subscription & Support Renewal 12 Months                                   | E0R8MLL | 452.517,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Text to Speech Cartridge for IBM Cloud Pak for Data 250000000 Monthly Characters Annual SW Subscription & Support Renewal 12 Months                             | E0R8PLL | 452.517,85 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Essentials Edition-AddOn-Set Up and Production Readiness-Labor-Additional-Instance On-Demand Set Up                                          | D1SI5LL | 452.366,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Pack for SAP Applications for Non-Production Environments Install License + SW Subscription & Support 12 Months                          | D0N81LL | 451.984,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 2500 Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                     | D0BGULL | 451.984,85 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 2500 Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                  | E07ZRLl | 451.984,85 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 2.5Gbps Install from Enterprise Server & Connect for Web Access 1Gbps Install Trade Up License + SW Subscription & Support 12 Months | D20I2LL | 451.451,85 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 300 Mbps Install License + SW Subscription & Support 12 Months                                                                    | D1BDFLL | 450.918,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management RDM Hub for Non-Financial Service Non- Production Install SW Subscription & Support Reinstatement 12 Months                          | D16H0LL | 450.918,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7710 Remote Standby Module Small Install Annual SW Subscription & Support Renewal                                                               | E0DHDLL | 450.918,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7710 Software Small Install Annual SW Subscription & Support Renewal                                                                            | E0DH9LL | 450.918,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 300 Mbps Install from Aspera Enterprise 100 Mbps Install Trade Up License + SW Subscription & Support 12 Months                                      | D04E8ZX | 449.702,33 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 5 Gbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                         | D04EIZX | 447.261,60 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Small and Medium Enterprise Edition Install License + SW Subscription & Support 12 Months                                                            | D0733LL | 447.261,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Standard Edition for Non-Production Environment Install License + SW Subscription & Support 12 Months                                                | D0C2WLL | 447.261,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Publisher Floating User Single Install License + SW Subscription & Support 12 Months                                         | D0B0WLL | 447.261,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Essential Manangement for IBM Cloud Pak for Data - Data Engineer Engagement per Annum                                                                      | D09UAZX | 445.536,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Essential Management for IBM Cloud Pak for Data - Data Steward Engagement per Annum                                                                        | D09UBZX | 445.536,00 | Permanente com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Essential Management for IBM Cloud Pak for Data - Database Admin Engagement per Annum                                                                                              | D09UCZX | 445.536,00 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for AIOps Reserved 50000 Resource Unit Extended Support Subscription Lic                                                                                                             | X09K9ZX | 443.958,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson AIOps 50000 Resource Unit Extended Support Subscription License                                                                                                                         | X29JYLL | 443.958,48 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network Packet Capture Software Install License + SW Subscription & Support 12 Months                                                                                                   | D1Q2JLL | 443.194,30 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription and Support 12 Months                                                               | D035FZX | 442.923,83 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build ApptioOne Implementation L1 Engagement Remotely Del Svc                                                                                                                      | D0GWDZX | 441.485,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure File Transfer Container Edit with RH OpenShift for Non Prod Virtual Processor Core LIC + SW S&S 12 MO                                                                          | D06ABZX | 439.939,45 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Division Instance per Month                                                                                                                                                       | D1H84LL | 438.376,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Hybrid Cloud DNS Entrerprise Plus Request Overage                                                                                                                                              | D0GYXZX | 438.376,05 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition Terabyte from InfoSphere Optim Test Data Management Workgroup Edition Terabyte Trade Up License + SW Subscription & Support 12 Months | D0V27LL | 435.461,82 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 20000 Floating User Annual SW Subscription & Support Renewal                                                                                    | E012MLL | 435.461,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configure, Price, Quote Install Annual SW Subscription & Support Renewal                                                                                                              | E0BU0LL | 435.461,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio Persona IQ Application instance LIC + SW S&S 12 MO                                                                                                                                           | D08XUZX | 435.461,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR per User Value Unit (Concurrent User) from SOAR (Authorized User) Trade Up License + SW Subscription & Support 12 Months                                                  | D22UDLL | 433.607,74 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM BigInsights BigIntegrate Virtual Server License + SW Subscription & Support 12 Months                                                                                                          | D1J3DLL | 432.617,30 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Compass Saas - Accelerator Medium Edition with 3-year S&S                                                                                                                                          | D06CGZX | 431.417,28 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support 12 Months                                                                 | D03FVZX | 430.131,81 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Enterprise Edition on Cloud Managed Disaster Recovery Med Instance per Month                                                                                                | D0109ZX | 428.427,09 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 B2B Module Application instance License + SW Subscription & Support 12 Months                                                                                             | D1WM6LL | 428.013,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 B2B Module FOR ASL ONLY Application instance License + SW Subscription & Support 12 Months                                                                                | D1WMALL | 428.013,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Isolated Tenant Module Additional Tenant for IBM DataPower Gateway X2 Application instance SW Subscription & Support Reinstatement 12 Months                                                       | D1WMNLL | 428.013,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Small and Medium Enterprise Edition Install from IBM Cognos Controller Express Connector Trade Up License + SW Subscription & Support 12 Months                              | D25YYLL | 427.999,80 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Planner Edition Authorized User SW Subscription & Support Reinstatement 12 Months                                                             | D095QLL | 427.999,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Commerce Secure File Transfer-Container Edition for Non-Production Environment Virtual Processor Core Virtual Processor Core License + SW Subscriptn and Support 12 Months | D28YULL | 426.933,80 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Supply Collaboration Add-on Resource Value Unit Software Subscription & Support Reinstatement 12 Months                                          | D0NX8LL | 424.074,79 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Check for Red Hat OpenShift Resource Value Unit Monthly License                                                                          | D07DWZX | 423.892,56 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Governance Express Non-Production Install Annual SW Subscription & Support Renewal                                                                                    | E0D3MZX | 423.735,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Information Server Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core License + SW Subscription & Support 12 Months                                | D034ZZX | 418.405,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity 500 Events Per Second License + SW Subscription & Support 12 Months                                                                         | D1RNRLL | 417.882,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity 50K Flows Per Minute SW Subscription & Support Reinstatement 12 Months                                                                      | D1RQNLL | 417.882,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Agent for z/OS Workloads Per Managed Virtual Server SW Subscription & Support Reinstatement 12 Months                                                     | D15HXLL | 417.339,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Immediate Payments Virtual Server Annual SW Subscription & Support Renewal 12 Months                                                     | E0N2CLL | 416.806,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X3 B2B Module Application instance License + SW S&S 12 Months                                                                                            | D09W5ZX | 415.909,46 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Client Authorized User License + SW Subscription & Support 12 Months                                                                  | D10WJLL | 415.207,78 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Gold per Instance per Month                                                                                                                                        | D1M2ILL | 414.125,46 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity 1K Events Per Second SW Subscription & Support Reinstatement 12 Months                                                                      | D1RNYLL | 413.661,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7700 Data Module 16 Core for Non-Production Environments Install Annual SW Subscription & Support Renewal                                           | E091KLL | 413.608,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7700 Foundation Module 16 Core for Non-Production Environments Install Annual SW Subscription & Support Renewal                                     | E091HLL | 413.608,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7700 User Module 16 Core for Non-Production Environment Install Annual SW Subscription & Support Renewal                                            | E091LLL | 413.608,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Management Edition per Petabyte License SW Subscription and Support Renewal 12 Months                                                                   | E0QSALL | 413.075,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Targets for z/OS Sources Per Install SW Subscription & Support Reinstatement 12 Months                                                                    | D1RCCLL | 412.542,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Big Replicate for Hive Install SW Subscription & Support Reinstatement 12 Months                                                                                           | D1YFTLL | 412.481,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Explorer Install License + SW Subscription & Support 12 Months                                                                                                | D02ZJZX | 412.481,38 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Watson Explorer Enterprise Edition Resource Value Unit Annual SW Subscription & Support Renewal                                                                          | E0IYWLL | 412.481,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One Software 31XX Install SW Subscription & Support Reinstatement 12 Months                                                           | D0YMRLL | 411.973,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for FIX per Application instance License + SW Subscription & Support 12 Months                                                              | D03SILL | 410.040,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Server Agent Per Virtual Server from Competitive Trade Up License + SW S&S 12 Months                                                                    | D15HMLL | 409.430,47 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Info Server Enterprise Ed on Cloud Managed High Availability Large Instance per Month                                                                                    | D01SWZX | 408.529,17 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition Terabyte SW Subscription & Support Reinstatement 12 Months                                                      | D0PSILL | 407.212,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Dev and Test for zOS Resource Value Unit License + SW Subscription & Support 12 Months                                                                           | D09HKZX | 407.212,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Professional Edition for Red Hat OpenShift Resource Value Unit Annual SW Subscription & Support Renewal                               | E0QP3LL | 406.679,76 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Blackboard Collaborate Up to 1,000 Users Instance 3rd Party per Annum                                                                                                        | D1VBILL | 405.544,44 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Document Archive Retrieval Transport Server License + SW Subscription & Support 12 Months                                                                        | D04DJLL | 404.547,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Standard Edition for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                | D0J1FLL | 404.547,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Aptio Cloudability TotalCost Elevated Onboarding Engagement Remotely Del Svc                                                                           | D0GW5ZX | 404.176,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Standard Edition from Cognos Command Center Starter Edition Install Trade Up License + SW Subscription & Support 12 Months                         | D0ZZ4LL | 403.938,86 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for SEPA Services Virtual Server Annual SW Subscription & Support Renewal                                                                  | E0KQXLL | 402.948,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 100 Standard Configuration Source Install SW Subscription & Support Reinstatement 12 Months                                           | D0WVVLL | 400.998,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Big Replicate for Backup per Install SW Subscription & Support Reinstatement 12 Months                                                                                   | D21Y4LL | 399.750,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition VPC Option Virtual Processor Core License + SW Subscription & Support 12 Months                                                                     | D233MLL | 399.750,75 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer Cluster Edition per Establishment SW Subscription & Support Reinstatement 12 Months                                                                 | D1R0WLL | 399.750,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Fabrication Establishment SW Subscription & Support Reinstatement 12 Months                                                                   | D1V8ELL | 399.750,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Quick Report Enterprise Edition Server from IBM Rational Build Quick Report Standard Edition Trade Up License + SW Subscription & Support 12 Months | D616JLL | 399.217,75 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Unrestricted Add-on Non-Production Install Annual SW Subscription & Support Renewal                                                       | E0DFPZX | 398.684,75 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Apptio Targetprocess Advanced Onboarding Engagement Remotely Del Svc                                                                                                  | D0GWWZX | 397.958,40 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM US Secure Support Enterprise Engagement per Annum                                                                                                                                       | D04R4ZX | 397.555,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Isolated Tenant Module Additional Tenant for IBM DataPower Gateway X3 Application instance SW Subscription & Support Reinstatement 12 Months                                            | D09WVZX | 395.998,90 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager Enterprise Virtual Server Monthly License                                                                                                                 | D1VNTLL | 395.674,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Expert Services - Learn 4 day Engagement Remotely Delivered Service                                                                                                              | D00FRZX | 395.471,16 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SVC for XIV Software 3TB drives Storage Device License + SW Subscription & Support 12 Months                                                                                            | D0N7RLL | 394.175,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Standard Edition Install SW Subscription & Support Reinstatement 12 Months                                                                                    | D0ZYVLL | 393.565,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Explorer Deep Analytics Edition Virtual Processor Core License + SW Subscription & Support 12 Months                                                                             | D213GLL | 393.565,81 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription and Support Renewal 12 Months                                                   | E03IJZX | 392.955,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Workgroup Edition Accelerator Oracle Applications Terabyte License + SW Subscription & Support 12 Months                                                  | D0TL5LL | 392.288,74 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Standard for Non-Production Install License + SW Subscription & Support 12 Months                                           | D0J0QLL | 392.288,74 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Eastern Europe Install Initial Fixed Term License + SW Subscription & Support 12 Months                                | D05DVZX | 391.735,27 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Eastern Europe Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                             | E05DWZX | 391.735,27 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 10 Gbps Install Annual SW Subscription & Support Renewal                                                                                                              | E04F5ZX | 391.125,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Console Software 31XX Install SW Subscription & Support Reinstatement 12 Months                                                                             | D0YMKLL | 390.023,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM Cloud Pak for Data for Non-Production Environment 50 Concurrent Connections Annual SW Subscription & Support Renewal 12 Months | E0QJALL | 388.557,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event Capacity Increase from 1K to 2.5K EPS Install SW Subscription & Support Reinstatement 12 Months                                                              | D0WTVLL | 388.335,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for South America Install Initial Fixed Term License + SW Subscription & Support 12 Months                                         | D05GQZX | 388.024,73 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for South America Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                      | E05GRZX | 388.024,73 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise for Non-Production Environment Install License + SW Subscription & Support 12 Months                                         | D118YLL | 388.024,73 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AI Governance Install Monthly License                                                                                                                                            | D0CPAZX | 387.523,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM BigInsights BigQuality Virtual Server License + SW Subscription & Support 12 Months                                                                                              | D1J3ULL | 386.853,83 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege DevOps Vault Production 1000 Record Advanced Support 12 Months                                                                                         | E0E2IZX | 386.517,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Order Management Software Professional Edition for IBM Cloud Private Resource Value Unit (RVU) Annual SW Subscription & Support Renewal                                          | E0PT8LL | 386.243,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Extension Floating User License + SW Subscription & Support 12 Months                                                                                | D56TBLL | 385.633,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Extension for Citrix Presentation Server Floating User License + SW Subscription & Support 12 Months                                                 | D56TXLL | 385.633,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Extension for Siebel Test Automation Floating User License + SW Subscription & Support 12 Months                                                     | D554ELL | 385.633,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Extension for SOA Floating User License + SW Subscription & Support 12 Months                                                                        | D60PTLL | 385.633,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 10Gbps Install from Enterprise Server & Connect for Web Access 7.5Gbps Install Trade Up License + SW Subscription & Support 12 Months          | D1Y90LL | 384.293,72 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7600 Data Module 4 Core for Non-Production Environments Server Annual SW Subscription & Support Renewal                                                   | E08P0LL | 383.760,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7600 Foundation Module 4 Core for Non-Production Environments Server Annual SW Subscription & Support Renewal                                             | E08NZLL | 383.760,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7600 Remote Standby Module 4 Core Server Annual SW Subscription & Support Renewal                                                                         | E08NULL | 383.760,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7600 User Module 4 Core for Non-Production Environments Server Annual SW Subscription & Support Renewal                                                   | E08P1LL | 383.760,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition Modernization Virtual Processor Core from IBM Db2 Standard Edition Modernization Virtual Processor Core Trade Up License + Subscription & Support 12 Months | D03T4ZX | 383.192,76 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 1000 Remote/Branch Configuration Source Install Annual SW Subscription & Support Renewal                                                      | E0G42LL | 382.725,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Server Agent per Virtual Server Initial Fixed Term License + SW Subscription & Support 12 Months                                                                | D12U5LL | 382.582,58 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Server Agent per Virtual Server Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                             | E0J1JLL | 382.582,58 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Professional Edition Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                            | E0KU3LL | 381.972,40 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PureData System for Analytics Additional 12.5% Capacity N3001-020 for Appliance Install Monthly License                                                                          | D1ID1LL | 381.383,25 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PureData System for Analytics Additional 12.5% Capacity N3001-020 for The Now Factory for Appliance Install Monthly License                                                                             | D1IEELL | 381.383,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity 25K Flows Per Minute License + SW Subscription & Support 12 Months                                                                                                       | D1RQGLL | 380.512,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 Integration Module Application instance License + SW Subscription & Support 12 Months                                                                                              | D1WMCLL | 379.775,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 Integration Module FOR ASL ONLY Application instance License + SW Subscription & Support 12 Months                                                                                 | D1WMGLL | 379.775,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Data Store Connection License + SW Subscription & Support 12 Months                                                                                                                     | D1VRWLL | 379.775,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager Container Edition for zCX per Install License + SW Subscription & Support 12 Months                                                                             | D293PLL | 377.090,96 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core from IBM Db2 Standard Edition Cartridge for IBM Cloud Pak for Data Trade Up License + Subscription & Support 12 Months | D03FTZX | 376.831,71 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Dashboards Application SW Subscription & Support Reinstatement 12 Months                                                                                                   | D29KBLL | 376.831,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR per User Value Unit (Concurrent User) SW Subscription & Support Reinstatement 12 Months                                                                                            | D22N9LL | 376.516,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition VPC Option Virtual Processor Core from Db2 Standard Edition VPC Option VPC Trade Up Lic + Subscr and Support 12 Months                                                             | D26XHLL | 376.298,71 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Care Manager Non Production Environment - Government Instance per Month                                                                                                                          | D1XEDLL | 376.236,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 2.5 Gbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                                                        | D04DVZX | 375.765,71 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 10 Gbps Install Annual SW Subscription & Support Renewal 12 Months                                                                                                 | E0KM2LL | 375.232,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Automatic Test Generation Add On Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                      | D09AQLL | 372.819,70 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Automatic Test Generation Add On Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                   | E071NLL | 372.819,70 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Industry Solutions Workbench Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                       | D24U7LL | 372.819,70 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 1000 Floating Users SW Subscription & Support Reinstatement 12 Months                                                                                    | D530SLL | 370.968,70 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud with High Availability Large paygo Per Instance pay per use with Support                                                                                                | D1TV8LL | 370.849,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X3 Integration Module Application instance License + SW S&S 12 Months                                                                                                                 | D09WEZX | 369.451,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Reservation Manager Non Production Environment per Install SW Subscription & Support Reinstatement 12 Months                                                                          | D0V4FLL | 369.369,69 | Manutenção após Vigência  |

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| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data-Address and Geo for Central America and Caribbean Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D05BTZX | 368.303,69 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data-Address and Geo for Central America and Caribbean Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E05BUZX | 368.303,69 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Netcool Operations Insight Agile Service Manager Smart Meters 250000 Managed Client Device Annual SW Subscription & Support Renewal 12 Months                            | E0NP9LL | 367.237,69 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar SIEM Event/Flow Processor 18XX Install SW Subscription & Support Reinstatement 12 Months                                                                 | D0WQ2LL | 366.386,15 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Spectrum Archive Enterprise Edition Additional Node Install License + SW Subscription & Support 12 Months                                                                | D1JMHLL | 366.107,73 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Spectrum Archive Enterprise Edition Base Install License + SW Subscription & Support 12 Months                                                                           | D1JIFLL | 366.107,73 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Spectrum Archive Enterprise Edition Multiple Libraries Install License + SW Subscription & Support 12 Months                                                             | D1JMKLL | 366.107,73 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Spectrum Archive Enterprise Edition TS4300 Tape library per Install License + SW Subscription & Support 12 Months                                                        | D1VEVLL | 366.107,73 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Security Guardium for Batch Data Transformation per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                | D2376LL | 363.990,04 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM OpenPages Enterprise Edition Install License + SW Subscription & Support 12 Months                                                                                       | D25V4LL | 363.667,01 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Western Europe Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                | D05HAZX | 363.056,83 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Western Europe Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months             | E05HBZX | 363.056,83 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | MQ Advanced High Availability Replica 100 Virtual Server LIC + SW S&S 12 MO                                                                                                  | D22VZLL | 362.973,68 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | WebSphere MQ Advanced 100 Virtual Server Annual SW S&S Rnwl                                                                                                                  | E0Q2LLL | 362.973,68 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM DataStage Enterprise Modernization Virtual Processor Core from Infosphere DataStage Workgroup Edition 70 PVUs Trade Up License + Subscription and Support 12 Months      | D03MUZX | 361.374,68 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM OpenPages Modernization Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                        | E0R6WLL | 360.841,68 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Rational Performance Test Pack Virtual Testers 10000 Floating User Annual SW Subscription & Support Renewal                                                              | E012KLL | 360.841,68 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Rational Build Forge Enterprise Edition Adaptor Toolkit Server License + SW Subscription & Support 12 Months                                                             | D59BLLL | 360.308,68 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Aspera High-Speed Transfer Server 500Mbps Install SW Subscription & Support Reinstatement 12 Months                                                                      | D1VX1LL | 358.709,67 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway AddOn for B2Bi Enterprise Edition for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months | D26R2LL | 358.709,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 5 Gbps Install License + SW Subscription & Support 12 Months                                                                       | D04GQZX | 358.175,40 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Enterprise Edition Install Annual SW Subscription & Support Renewal                                                              | E0634LL | 358.175,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 500 Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months           | D59SYLL | 356.344,85 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM X-Force Exchange Commercial API Enterprise per Instance Monthly Subscription with Support                                                          | D1X0YLL | 355.675,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy for Unstructured Data Annual Terabyte License + SW Subscription & Support 12 Months                                  | D2604LL | 355.124,49 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Natural Language Understanding Premium Retired, do not use this part (old Premium Tier 2 Instance Fee)                                      | D1VGYLL | 354.637,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for FTI Ringtail eDiscovery Legal Review Server Suite Install SW Support 12 Months                                                   | D1E1SLL | 354.445,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Aruba Wi-Fi Install LIC + SW S&S 12 MO                                                                                   | D0BH1ZX | 353.379,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco ACI Install LIC + SW S&S 12 MO                                                                                     | D0BHAZX | 353.379,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco SD-WAN Install LIC + SW S&S 12 MO                                                                                  | D0BHKZX | 353.379,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco Wi-Fi Install LIC + SW S&S 12 MO                                                                                   | D0BHTZX | 353.379,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Nuage SD-WAN Install LIC + SW S&S 12 MO                                                                                  | D0BI2ZX | 353.379,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Versa SD-WAN Install LIC + SW S&S 12 MO                                                                                  | D0BIAZX | 353.379,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Automatic Test Generation Add On Authorized User License + SW Subscription & Support 12 Months                 | D09POLL | 353.293,96 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Standard Edition-Base-Hundred Thousand Order Lines Advanced Support per Annum                                            | E0EBRZX | 352.939,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Incident Forensics Software Install Annual SW Subscription & Support Renewal                                                       | E0JC6LL | 350.278,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Incident Forensics Standalone Software Install Annual SW Subscription & Support Renewal 12 Months                                  | E0LFDLL | 350.278,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Capacity Increase of 100K FPM for Failover Install SW Subscription & Support Reinstatement 12 Months                     | D0WUBLL | 350.278,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Add-on for Global High Availability Mailbox Resource Value Unit SW Subscription & Support Reinstatement 12 Months          | D1JY3LL | 349.632,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on for Global High Availability Mailbox Resource Value Unit SW Subscription & Support Reinstatement 12 Months            | D1JXNLL | 349.632,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months  | D26QXLL | 349.632,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 50K Flows Per Minute License + SW Subscription & Support 12 Months                            | D1RRHLL | 348.657,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Agent for z/OS Workloads Per Managed Virtual Server from Competitive Trade Up License + SW S&S 12 Months                          | D15HYLL | 348.582,65 | Upgrade com Manutenção    |



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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Delivery and Service Scheduling Add-on for Red Hat OpenShift Resource Value Unit Software Subscription & Support Reinstatement 12 Months | D26RFL  | 348.412,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Engine Bulk Import Tool for IBM Content Foundation Virtual Server SW Subscription & Support Reinstatement 12 Months                                                 | D0ZY1LL | 346.450,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Engine Bulk Import Tool Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                    | D0N7NLL | 346.450,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet High Performance Image Import Server SW Subscription & Support Reinstatement 12 Months                                                                              | D04FWLL | 346.450,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 1K Events Per Second License + SW Subscription & Support 12 Months                                                     | D1RPSLL | 346.125,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Application Builder Authorized User License + SW Subscription & Support 12 Months                                                                                   | D0N65LL | 345.917,65 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Add-on MDM Server Extra Extra Large Instance per Month                                                                              | D01VTZX | 345.510,06 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Standard Edition Install SW Subscription & Support Reinstatement 12 Months                                                                            | D0ZZ3LL | 344.751,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Cloud Key Management per Resource Value Unit (Entity ID) SW Subscription & Support Reinstatement 12 Months                                            | D2371LL | 342.849,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Big Replicate for Security Install License + SW Subscription & Support 12 Months                                                                                            | D1YFYLL | 342.719,64 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Targets for z/OS Sources for Non-Production Environments Per Install License + SW Subscription & Support 12 Months                                         | D1RCILL | 342.719,64 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Plus Modernization Virtual Processor Core from Infosphere QualityStage 70 Processor Value Unit Trade Up License + Subscription & Support 12 Months     | D03K8ZX | 342.719,64 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per Production Server for 2 LPARs Group P50 SW SUPPORT 12 MO                                                                     | D1UQCLL | 342.719,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Console 31XX Install SW Subscription & Support Reinstatement 12 Months                                                                                 | D0WPJLL | 342.166,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Modernization Virtual Processor Core From IBM Cognos Analytics User 70 Process Value Units Trade Up License + Subscription and Support 12 Months      | D03ESZX | 341.653,64 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Concurrent User from Authorized User Trade Up License + SW Subscription & Support 12 Months                                                            | D127HLL | 341.090,37 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Referenced Programs via REST APIs Resource Value Unit (RVU) Annual SW Subscription & Support Renewal 12 Months                      | E0PSWLL | 341.090,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Workgroup Edition Terabyte License + SW Subscription & Support 12 Months                                                              | D0UWLLL | 339.870,01 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Check for Red Hat OpenShift Resource Value Unit Subscription License                                                                      | D07NJZX | 339.866,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Non-Production Environment Platinum per Instance per Month                                                                                                          | D1NQCLL | 339.508,26 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months | D08HPZX | 339.259,83 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Medium Per Instance Monthly Subscription with Support per Month                                                      | D1Y6KLL | 339.239,46 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM AI Decision Coordination - Dispatch Hundred Thousand API Calls Annual SW S&S Rnwl                                                                            | E0A37ZX | 338.988,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM AI Decision Coordination - Studio Ten Authorized Users LIC + SW S&S 12 MO                                                                                    | D0A3RZX | 338.988,64 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Standard Edition Server from BF Adaptor Toolkit Express Ed Server Trade Up License + SW Subscription & Support 12 Months                | D61PLLL | 338.988,64 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Essential Management for IBM Cloud Pak for Data - Fully Managed Add Multizone Instance per Annum                                                 | D09SYZX | 338.436,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                     | E0R79LL | 337.922,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 2.5K Events Per Second SW Subscription & Support Reinstatement 12 Months                                | D1RPZLL | 337.683,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Non-Production 2.5K Events Per Second SW Subscription & Support Reinstatement 12 Months                                   | D20N0LL | 337.683,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 100K Flows Per Minute SW Subscription & Support Reinstatement 12 Months                                 | D1RRPLL | 337.683,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Non-Production 100K Flows Per Minute SW Subscription & Support Reinstatement 12 Months                                    | D20NELL | 337.683,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One 21XX Install SW Subscription & Support Reinstatement 12 Months                                                               | D0WPALL | 337.683,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Standard for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                      | D0J13LL | 336.819,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 5 Gbps Install Annual SW Subscription & Support Renewal                                                                                    | E04EKZX | 335.598,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack 250 Virtual Testers Floating User License + SW Subscription & Support 12 Months                                               | D530ALL | 334.988,57 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for AIOps Reserved 50000 Resource Unit Advanced Support Subscription Lic                                                                           | Z09K9ZX | 332.968,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson AIOps 50000 Resource Unit Advanced Support Subscription License                                                                                       | Z29JYLL | 332.968,86 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services-COLD Install SW Subscription & Support Reinstatement 12 Months                                                                        | D04JHLL | 332.547,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months          | D26QELL | 332.547,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Business Service Manager for the Enterprise Base Install SW Subscription & Support Reinstatement 12 Months                                            | D0I05LL | 332.547,86 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Compass Saas - Accelerator Small Edition with 3-year S&S                                                                                                         | D06CFZX | 332.341,80 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Usable Petabyte Storage Resource Value Unit from USABLE Terabyte Storage Trade Up License + SW Subscription & Support 12 Months    | D20TJLL | 330.993,62 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Expertise Connect for IBM Cloud Platform Engagement per Annum                                                                                                      | D0GBQZX | 330.750,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ELT Pushdown Express Unrestricted Add-on Non-Production Install SW Subscription & Support Reinstatement 12Months                                                               | D0DEEZX | 330.460,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for North America Install Initial Fixed Term License + SW Subscription & Support 12 Months                        | D05EFZX | 329.927,62 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for North America Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                     | E05EGZX | 329.927,62 | Temporária com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Video Highlights Small Instance per Annum                                                                                                                                      | D0129ZX | 329.808,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Server 10Gbps Install Monthly License                                                                                                               | D1W4FLL | 329.496,95 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Standard Edition for Non-Production Environment Install License + SW Subscription & Support 12 Months                                                | D0ZYZLL | 328.276,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Enterprise Edition Terabyte from InfoSphere Optim Data Privacy Workgroup Edition Terabyte Trade Up License + SW Subscription & Support 12 Months | D0V21LL | 327.666,42 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-In-One Software 31XX Failover Install SW Subscription & Support Reinstatement 12 Months                                                               | D0WRFL  | 326.680,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Delivery and Service Scheduling Add-on Resource Value Unit Software Subscription & Support Reinstatement 12 Months                                   | D0NWWLL | 326.446,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Agent for z/OS Workloads Per Managed Virtual Server Initial Fixed Term License + SW Subscription & Support 12 Months                                          | D15I4LL | 325.663,61 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Agent for z/OS Workloads Per Managed Virtual Server Subsequent Fixed Term License + SW Subscription & Support 12 Months                                       | E0JRSLL | 325.225,69 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator AddOn for File Gateway Enterprise Edition for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                   | D26QJLL | 323.531,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Concurrent User License + SW Subscription & Support 12 Months                                                                                          | D0EJLL  | 323.395,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Apptio Cloudability Advanced Onboarding Engagement Remotely Del Svc                                                                                          | D0GW0ZX | 323.341,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 250 Standard Configuration Source Install Annual SW Subscription & Support Renewal                                                          | E0G3TLL | 323.331,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data for Non-Production Environment Install License + SW Subscription & Support 12 Months                                     | D26BBL  | 322.998,61 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months | D08H4ZX | 322.784,98 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Ed Accelerator for Oracle Applications Terabyte Annual SW Subscription & Support Renewal                                   | E0DTQLL | 322.465,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio ReportCard Virtual Processor Core LIC + SW S&S 12 MO                                                                                                         | D08Y9ZX | 321.399,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 50 Standard Configuration Source Install SW Subscription & Support Reinstatement 12 Months                                  | D0WVSLL | 320.781,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One Software 21XX LT Install SW Subscription & Support Reinstatement 12 Months                                                     | D10UHLL | 319.954,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 10Gbps Install Annual SW Subscription & Support Renewal 12 Months                                                            | E0P1LLL | 319.734,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 10Gbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                | D1Y91LL | 319.734,08 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Garage MVP Build-up for Data Science and Business Analytics per Engagement Remotely Delivered Service                                                    | D00UKZX | 319.173,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Garage MVP Build-up for Hybrid Data Management Engagement Remotely Del Svc                                                                               | D00VWZX | 319.173,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Garage MVP Build-up for Unified Governance and Integration Engagement Remotely Delivered Service                                                         | D00VUZX | 319.173,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage MVP Build for Enterprise Content Management Engagement Remotely Del Svc                                                                                 | D00UMZX | 319.173,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage MVP Build for Watson Engagement Remotely Delivered Service                                                                                              | D00XGZX | 319.173,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 45 Mbps Install License + SW Subscription & Support 12 Months                                                                                | D04EFZX | 318.513,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Premium Feature Pack for i per Install SW Subscription & Support Reinstatement 12 Months                                              | D1SNVLL | 318.513,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Premium Feature Pack for Multiplatforms per Install SW Subscription & Support Reinstatement 12 Months                                 | D1SLZLL | 318.513,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Data Warehouses Resource Value Unit (MVS) License + SW Subscription & Support 12 Months                                  | D1NE7LL | 318.513,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services - Real Time Scoring Resource Value Unit License + SW Subscription & Support 12 Months                               | D12FTLL | 318.513,72 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Expert Services - Direct Learn 4 Day Engagement Pay per Use                                                                                             | D00WZZX | 317.653,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Edition Server Annual SW Subscription & Support Renewal                                                                        | E02Y1LL | 317.293,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Workgroup Edition Terabyte SW Subscription & Support Reinstatement 12 Months                                                          | D0UX6LL | 316.683,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Connection Lic + SW S&S 12 Mo                                                                                                    | D142DLL | 316.683,18 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Banking Business Vocabulary, Medium Instance per Annum                                                                                                   | D1QVSLL | 316.376,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Pricing Add-on Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                 | D0P89LL | 316.069,59 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery 4M for IBM Cloud Dedicated Instance per Month                                                                                                 | D1SH7LL | 315.431,41 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Team Management Add-On per User Value Unit (Concurrent User) License + SW Subscription & Support 12 Months                                                                                                                         | D22P8LL | 314.045,27 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Insights-Enterprise-Standard Edition-Base-Function-Instance per Month                                                                                                                                                               | D00N3ZX | 314.014,05 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Connector for eMail and Electronic Documents Connection License + SW Subscription & Support 12 Months                                                                                                                                           | D0IBQLL | 313.937,59 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Virtualization Server Concurrent Virtual Services 25 Item License + SW Subscription & Support 12 Months                                                                                                                                   | D20V2LL | 313.937,59 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Predictor Runtime Virtual Server Annual SW Subscription & Support Renewal 12 Months                                                                                                                                                        | E0491ZX | 313.937,59 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data Non-Production Environment Install SW Subscription and Support Renewal 12 Months                                                                                                       | E0R3DLL | 313.937,59 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise for Non-Production Environment Install from TRIRIGA Workplace Performance Management Facilities for Non-Production Environment Install Trade Up License + SW Subscription & Support 12 months       | D1190LL | 313.404,59 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise for Non-Production Environment Install from TRIRIGA Workplace Performance Management Projects for Non-Production Environment Install Trade Up License + SW Subscription & Support 12 months         | D1192LL | 313.404,59 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise for Non-Production Environment Install from TRIRIGA Workplace Performance Management Real Estate for Non-Production Environment Install Trade Up License + SW Subscription & Support 12 months      | D118ZLL | 313.404,59 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise for Non-Production Environment Install TRIRIGA Workplace Performance Management Operations Management for Non-Production Environment Install Trade Up License + SW Subscription & Support 12 months | D1191LL | 313.404,59 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Department Instance per Month                                                                                                                                                                                                              | D1H83LL | 313.392,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Solution Deployment Bootcamp for ECM Engagement Remotely Del SW Svc                                                                                                                                                                               | D011BZX | 313.392,24 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS TX Advanced Virtual Processor Core LIC + SW S&S 12 MO                                                                                                                                                                                              | D05JRZX | 312.338,59 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                                                 | D03JUZX | 312.338,59 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Edition for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                                                 | D26QRLL | 311.801,75 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Consulting Services per Standard Box Implementation Unit Setup                                                                                                                                                                                          | D1N93LL | 310.905,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Aptio Cloudability TotalCost Standard Onboarding Engagement Remotely Del Svc                                                                                                                                                          | D0GW6ZX | 310.905,00 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising One Time Set Up Instance One Time Set Up                                                                                                                                                                                 | D06THZX | 310.905,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Standard Edition-Hundred Thousand Order Lines One Time Set Up                                                                                                                                                                 | D1YAWLL | 310.905,00 | Saas                      |

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| Real | 1  |  | PPA | 7831 | IBM AI Governance Install Subscription License                                                                                                                                                  | D0CPBZX | 310.394,70 | Assinatura                |
| Real | 12 |  | PPA | 7831 | IBM Informix Advanced Enterprise Edition CPU Option Virtual Processor Core License + SW Subscription & Support 12 Months                                                                        | D229ELL | 309.971,21 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Aspera Streaming 1Gbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                                               | D1YAULL | 309.361,03 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Data Replication Non-RDBMS Targets Per Install SW Subscription & Support Reinstatement 12 Months                                                                                 | D1RCNLL | 309.361,03 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Optim Test Data Management Workgroup Edition Oracle App Terabyte SW Subscription & Support Reinstatement 12 Months                                                               | D0TL2LL | 309.361,03 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Security Guardium Key Lifecycle Manager for Usable Petabyte Storage Resource Value Unit License + SW Subscription & Support 12 Months                                                       | D20K2LL | 308.074,58 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Sterling Order Management Supply Collaboration Add-on per Resource Value Unit Initial Fixed Term License + SW Subscription & Support 12 Months                                              | D101SLL | 307.530,49 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Sterling Order Management Supply Collaboration Add-on per Resource Value Unit Subsequent Fixed Term License + SW Subscription & Support 12 Months                                           | EOHSPLL | 307.530,49 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Optim Data Privacy Enterprise Edition Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                 | D0PSRLL | 306.920,31 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Asia Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                                     | D05DMZX | 306.920,31 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Asia Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                  | E05DNZX | 306.920,31 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Statistics Base Concurrent User to IBM SPSS Statistics Premium Concurrent User Trade Up Lic + Subscription and Support 12 Months                                                       | D27UELL | 306.920,31 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar Log Manager Event Capacity Increase of 2.5K EPS Install SW Subscription & Support Reinstatement 12 Months                                                                   | D0WTZLL | 306.447,40 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition Terabyte From ISO Data Privacy Enterprise Edition Terabyte Trade Up License + SW Subscription & Support 12 Months                  | D0Y7LLL | 306.310,13 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Aspera High-Speed Transfer Server 300Mbps from Aspera High-Speed Transfer Server 100Mbps Install Trade Up License + SW Subscription & Support 12 Months                                     | D1VWZLL | 303.259,24 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Information Server Modernization Virtual Processor Core from Information Server Enterprise Edition 70 Processor Value Unit Trade Up License + SW Subscription & Support 12 Months           | D0363ZX | 302.649,06 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Information Server Modernization Virtual Processor Core from Information Server for Data Quality and Governance 70 Processor Value Unit Trade Up License + Subscription & Support 12 Months | D0364ZX | 302.649,06 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Sterling File Gateway Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                          | D08HEZX | 302.649,06 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Virtual Storage Center Virtual Processor Core LIC + SW S&S 12 MO                                                                | D08UEZX | 302.649,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 1 Gbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                           | D04EXZX | 301.428,69 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center for IBM Cloud Pak for Data Application SW Subscription & Support Reinstatement 12 Months                                                    | D29KFLL | 301.428,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Archiving Adapter for InfoSphere Optim Data Growth Solution Install SW Subscription & Support Reinstatement 12 Months                                             | D16M1LL | 301.428,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM AI Governance Express on Premises Install Annual SW S&S Rnwl                                                                                                             | E0DQZZX | 300.079,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management RDM Hub for Financial Service Non- Production Install Annual SW Subscription & Support Renewal                                         | E0JZSLL | 300.079,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management RDM Hub for Non-Financial Service Production Install Annual SW Subscription & Support Renewal                                          | E0JZDLL | 300.079,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Access Edition per Petabyte Petabyte Software Subscription and Support Renewal 12 Months                                                              | E0QS9LL | 300.079,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Teradata Encryption per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                      | D1V82LL | 299.734,68 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Gateway Bundle Deployment Assurance Engagement Remotely Delivered Service -- Software Services                                                                  | D04YIZX | 299.107,62 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Quick Report Enterprise Edition Server SW Subscription & Support Reinstatement 12 Months                                                            | D60RWLL | 298.987,98 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 300Mbps Install SW Subscription & Support Reinstatement 12 Months                                                                      | D1VWYLL | 298.377,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event Capacity Increase of 2.5K EPS Failover Install SW Subscription & Support Reinstatement 12 Months                                              | D0WTTLL | 297.920,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 300Mbps Install from Enterprise Server & Connect for Web Access 100Mbps Install Trade Up License + SW Subscription & Support 12 Months | D1Y8PLL | 296.547,26 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for JD Edwards EnterpriseONE Establishment Annual SW Subscription & Support Renewal                                                                    | E031XLL | 295.815,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Oracle E-Business Establishment Annual SW Subscription & Support Renewal                                                                           | E031TLL | 295.815,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Oracle E-Business for zSeries Establishment Annual SW Subscription & Support Renewal                                                               | E031RLL | 295.815,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for PeopleSoft Enterprise Establishment Annual SW Subscription & Support Renewal                                                                       | E01TXLL | 295.815,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for SAP Software Establishment Annual SW Subscription & Support Renewal                                                                                | E01U0LL | 295.815,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for SAP Software for zSeries Establishment Annual SW Subscription & Support Renewal                                                                    | E02HSL  | 295.815,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Siebel Business Applications Establishment Annual SW Subscription & Support Renewal                                                                | E01U1LL | 295.815,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Capacity Increase 50K to 100K FPM Install SW Subscription & Support Reinstatement 12 Months                                                    | D0WUHLL | 295.472,70 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for VMware vCenter Server Managed Virtual Server for zEnterprise BladeCenter Extension License + SW Subscription & Support 12 Months | D1VN0LL | 295.282,55 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for VMware vCenter Server Managed Virtual Server License + SW Subscription & Support 12 Months                                       | D1VMYLL | 295.282,55 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage for Hybrid MVP Build Engagement                                                                                                                                       | D1W5PLL | 293.604,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                    | D26Q8LL | 293.150,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                 | D26QZLL | 293.150,55 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Assess Guardium - Non-Saas Engagement Remotely Delivered SW Services                                                                                             | D054CZX | 292.872,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Assess Guardium - Saas Engagement Remotely Delivered Service                                                                                                     | D0EG6ZX | 292.872,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Automatic Data Lineage Non-Production Resource Unit Annual SW Subscription & Support Renewal                                                                                 | E08XHZX | 292.617,55 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Hybrid Cloud DNS Enterprise Plus Request per Month                                                                                                                           | D0GYWZX | 292.250,70 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Governance Express Unrestricted Add-on Non-Production Install Annual SW Subscription & Support Renewal                                                                  | E0DFCZX | 292.084,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Regulatory Compliance Management Application Annual SW Subscription & Support Renewal 12 Months                                                                    | E0QFGLL | 291.551,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Gold Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                          | D10N8LL | 291.551,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Add-on for Global High Availability Mailbox for Non-Production Environment Resource Value Unit License + SW Subscription & Support 12 Months         | D1JXJLL | 291.551,55 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on for Global High Availability Mailbox for Non-Production Environment Resource Value Unit License + SW Subscription & Support 12 Months           | D1JXPLL | 291.551,55 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data 10 Thousand Monthly Active Users SW Subscription & Support Reinstatement 12 Months                                     | D26AYLL | 291.551,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption on SAP HANA per Resource Value Unit (MVS) SW Subscription & Support Reinstatement 12 Months                               | D28JILL | 290.955,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption on Teradata per Resource Value Unit (MVS) SW Subscription & Support Reinstatement 12 Months                               | D28JGLL | 290.955,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 10 Gbps Install SW Subscription & Support Reinstatement 12 Months                                                                                            | D04FRZX | 290.445,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 1000 Floating Users Initial Fixed Term License + SW Subscription & Support 12 Months                                          | D0BGTL  | 290.445,47 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 1000 Floating Users Subsequent Fixed Term License + SW Subscription & Support 12 Months                                       | E07ZQLL | 290.445,47 | Temporária com Manutenção |



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| Real | 12 |  | PPA | 7831 | IBM Transformation Extender Advanced Certified Container Virtual Processor Core License + SW Subscription & Support 12 Months                                   | D08C5ZX | 290.445,47 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Africa and Middle East Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D05F0ZX | 289.835,29 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Africa and Middle East Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E05F1ZX | 289.835,29 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Performance Tester Extension Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                 | D59T1LL | 289.835,29 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Rational Performance Tester Extension for Citrix Presentation Server Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months  | D59T0LL | 289.835,29 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Rational Performance Tester Extension for Siebel Test Automation Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months      | D59SSLL | 289.835,29 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Rational Performance Tester Extension for SOA Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                         | D60PVLL | 289.835,29 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM FileNet Archive to Image Services Server License + SW Subscription & Support 12 Months                                                                      | D04CELL | 289.225,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM FileNet Content Engine Bulk Import Tool Non-Production Virtual Server License + SW Subscription & Support 12 Months                                         | D0N7PLL | 289.225,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM FileNet High Performance Image Import Non-Prod Server License + SW Subscription & Support 12 Months                                                         | D04FKLL | 289.225,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM DataPower Operations Dashboard Five Gateways Application instance Annual SW Subscription & Support Renewal 12 Months                                        | E0MQ2LL | 289.071,83 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM DataPower Operations Dashboard Single Gateway Application instance SW Subscription & Support Reinstatement 12 Months                                        | D1NAXLL | 289.071,83 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar Risk Manager Added 250 Remote/Branch Configuration Source Install SW Subscription & Support Reinstatement 12 Months                         | D0WWJLL | 289.071,83 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Security Qradar SIEM Event Processor 16XX Failover Install SW Subscription & Support Reinstatement 12 Months                                                | D0WPTLL | 289.071,83 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Security Qradar SIEM Flow Processor 17XX Failover Install SW Subscription & Support Reinstatement 12 Months                                                 | D0WPZLL | 289.071,83 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Data Mart Pattern Virtual Server License + SW Subscription & Support 12 Months                                                                              | D0LJGLL | 288.614,92 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Transactional Database Pattern Virtual Server License + SW Subscription & Support 12 Months                                                                 | D0LJELL | 288.614,92 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Cognos Command Center Standard Edition for Non-Production Environment Install License + SW Subscription & Support 12 Months                                 | D0ZZILL | 287.394,56 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Cognos Integration Server Starter Edition Install License + SW Subscription & Support 12 Months                                                             | D0ZXYLL | 287.394,56 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Collaborator Floating User Single Install License + SW Subscription & Support 12 Months                                                                                                               | D0B1FLL | 287.394,56 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Aptio Targetprocess Elevated Onboarding Engagement Remotely Del Svc                                                                                                                                                           | D0GVBZX | 286.032,60 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages - Solution Planning Service Engagement Remotely Delivered                                                                                                                                                                             | D0189ZX | 286.032,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Premium Large paygo Per Instance pay per use with Support                                                                                                                                                       | D1TUZLL | 285.736,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Standard Edition for Non-Production Environment Install Trade Up from IBM Cognos Controller Small and Medium Enterprise Edition for Non-Production Environment Install Trade Up License + SW Subscription & Support 12 Months | D221VLL | 285.155,54 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager Container Edition for zCX per Install Trade up from IBM Security Guardium Key Lifecycle Manager Container Edition for Distributed Platform Trade Up License + SW Subscription & Support 12 Months       | D29ITLL | 284.953,85 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                            | D08GUZX | 284.953,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                                                           | D08HRZX | 284.953,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Adaptor Toolkit Enterprise Edition Server from BF Adaptor Toolkit Standard Ed Trade Up License + SW Subscription & Support 12 Months                                                                                       | D616XLL | 284.622,53 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 500 Floating User SW Subscription & Support Reinstatement 12 Months                                                                                                                              | D530LLL | 284.622,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C, C++, Java and Ada Floating User Single Install License + SW Subscription & Support 12 Months                                                                                               | D09QGLL | 284.089,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Gold Concurrent User From IBM SPSS Modeler Professional Concurrent User Trade Up License + SW Subscription & Support 12 Months                                                                                                     | D25XWLL | 284.089,53 | Upgrade com Manutenção    |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Blackboard Ally Up to 15,000 Users Instance 3rd Party per Annum                                                                                                                                                                                     | D1VBNLL | 283.993,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Inference Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                                                                                                         | D048ZZX | 283.023,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Processor 16XX Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                      | D0WQRLL | 282.809,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo APM for E&U On-Premises Visual Insights Addressable Device Annual SW Subscription & Support Renewal                                                                                                                                      | E0PTBLL | 282.490,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Client Concurrent User from Modeler Gold Concurrent User Trade Up License + SW Subscription & Support 12 Months                                                                                            | D15C9LL | 281.902,95 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 2.5 Gbps Install Annual SW Subscription & Support Renewal                                                                                                                                                                     | E04DXZX | 281.292,77 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                    | D0EPFLL | 281.292,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Professional Concurrent User License + SW Subscription & Support 12 Months                                                                                                   | D0EN7LL | 281.292,77 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Mobile First Platform Foundation Consumer Edition with Custom Pattern Application Annual SW Subscription & Support Renewal 12 Months                                                      | E0LOCLL | 280.072,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 1 Gbps Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                                          | D1BZNLL | 278.852,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for United Kingdom Install Initial Fixed Term License + SW Subscription & Support 12 Months                                  | D05ENZX | 278.226,52 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for United Kingdom Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                               | E05EPZX | 278.226,52 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Session for z/OS Workloads Per Simultaneous Session Annual SW Subscription & Support Renewal                                                                             | E0JRRLL | 276.627,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Speech Services Cartridge for IBM Cloud Pak for Data for Non-Production Environment Additional Capacity 8 Virtual Processor Core SW Subscription & Support Reinstatement 12 Months | D26AJLL | 276.627,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Enterprise Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                        | D052BZX | 276.535,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR per User Value Unit (Authorized User) License + SW Subscription & Support 12 Months                                                                                  | D22MVLL | 276.535,55 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services COLD Non-Prod Install License + SW Subscription & Support 12 Months                                                                                                | D04CPLL | 276.094,52 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                            | D26QGLL | 276.094,52 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Server 5Gbps Install Monthly License                                                                                                                           | D1W4ELL | 274.939,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for HPC Install License + SW Subscription & Support 12 Months                                                                                                          | D1VN7LL | 274.495,52 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Pack for SAP BW for Non-Prod Environments Server SW Subscription & Support Reinstatement 12 Months                                                          | D59PHLL | 272.750,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Sterling File Gateway Standard Install License + SW Subscription & Support 12 Months                                                                  | D1FPILL | 272.750,26 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 100 Mbps Install SW Subscription & Support Reinstatement 12 Months                                                                                                      | D04DUZX | 271.529,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Pack for SAP Applications for Non-Production Environments Install SW Subscription & Support Reinstatement 12 Months                                         | D0N82LL | 271.529,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support 12 Months                                                     | D03QLZX | 270.919,71 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Raw Petabyte Storage Resource Value Unit from RAW Terabyte Storage Trade Up License + SW Subscription & Support 12 Months              | D20T8LL | 270.231,51 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 300 Mbps Install SW Subscription & Support Reinstatement 12 Months                                                                            | D1BDGLL | 270.231,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Standard Edition Install Annual SW Subscription & Support Renewal                                                                                  | E0BWYLL | 269.089,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months            | D08H6ZX | 268.479,00 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Integration for Hadoop Per 5 Virtual Servers Monthly License                                                                                                                  | D1RBRL  | 268.000,11 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Small and Medium Enterprise Edition Install SW Subscription & Support Reinstatement 12 Months                                                                    | D0734LL | 267.566,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Standard Edition for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                                        | D0C2XLL | 267.566,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Publisher Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                 | D0B0XLL | 267.566,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition Modernization Virtual Processor Core from IBM Db2 Enterprise Server Edition 70 Processor Value Unit (PVU) Trade Up License + Subscription & Support 12 Months | D03PQZX | 267.033,50 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 5Gbps Install Annual SW Subscription & Support Renewal 12 Months                                                                                 | E0P1KLL | 266.500,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ELT Pushdown Express Non-Production Install Annual SW Subscription & Support Renewal                                                                                               | E0D4RZX | 266.500,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Fabrication Authorized User Single Session License + SW Subscription & Support 12 Months                                                                | D1V8RLL | 266.500,50 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery XXX-Large Instance Pay Per Use                                                                                                                                    | D20CDLL | 266.337,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 500 Mbps Install from Aspera Enterprise 300 Mbps Install Trade Up License + SW Subscription & Support 12 Months                                                  | D04F9ZX | 265.967,50 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Global Name Management Non-Production Environment Resource Value Unit Annual SW Subscription & Support Renewal                                                          | E0HPCLL | 265.967,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MobileFirst Platform Foundation Application Annual SW Subscription & Support Renewal 12 Months                                                                                     | E0MHALL | 265.967,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MobileFirst Platform Foundation for iOS Application Annual SW Subscription & Support Renewal 12 Months                                                                             | E0MHDLL | 265.967,50 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage Design Thinking Workshop for Data Science and AI per Engagement Remotely Delivered Service                                                                                  | D00VDZX | 265.873,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage Design Thinking Workshop for Unified Governance Engagement Remotely Del Svc                                                                                                 | D00VTZX | 265.873,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage Design Thinking Workshop for Watson Engagement Remotely Delivered Service                                                                                                   | D00XFZX | 265.873,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage Design Thinking Workshop fr Enterprise Content Management Engagement Remotely Del Svc                                                                                       | D00ULZX | 265.873,44 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage for Hybrid Data Management Design Thinking Workshop Engagement Remotely Delivered Service                                                                    | D00VVZX | 265.873,44 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network Packet Capture Software Install SW Subscription & Support Reinstatement 12 Months                                                                    | D1Q2KLL | 265.474,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS TX Advanced Virtual Processor Core Trade Up from COBOL Virtual Processor Core                                                                                  | D05JNZX | 265.428,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Premium Feature Pack for i non-production per Install License + SW Subscription & Support 12 Months                                        | D0926ZX | 265.428,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Premium Feature Pack non-production per Install License + SW Subscription & Support 12 Months                                              | D0929ZX | 265.428,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                  | D035HZX | 265.428,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Pricing Add-on per Resource Value Unit from Competitive Trade Up License + SW S&S 12 Months                                               | D101ELL | 264.901,50 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for South America Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D05CLZX | 264.817,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for South America Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E05CMZX | 264.817,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Container Edition for Non-Production Environment Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                      | D28YVLL | 264.207,74 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure File Transfer Container Edition with Red Hat OpenShift for Non Prod Virtual Processor Core SW S&S REINSTATE 12 MO                                   | D06AEZX | 264.207,74 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Dedicated Node Base Ten Thousand Items per Month                                                                                     | D1UH2LL | 263.647,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Essentials Software Install Monthly License                                                                                                             | D0GPGZX | 261.484,02 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core License + SW Subscription and Support 12 Months                | D03K0ZX | 261.156,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Motio Persona IQ Application instance SW S&S REINSTATE 12 MO                                                                                                            | D08XXZX | 261.156,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per Production Server for 2 LPARs Group P40 SW SUPPORT 12 MO                                                             | D1UQBLL | 260.637,49 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Info Server Enterprise Ed on Cloud Managed High Availability Medium Instance per Month                                                                              | D01SXZX | 260.538,39 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                  | D26QTLL | 259.936,49 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Information Server Enterprise Edition on Cloud Managed Large Instance per Month                                                                                         | D010BZX | 259.916,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM BigInsights BigIntegrate Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                           | D1J3ELL | 259.571,49 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Guided Compass for Watson Supply Chain-Executive-Engagement per Month                                                                                                  | D00MNZX | 258.672,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Concurrent User Trade Up from Professional Concurrent User License + SW Subscription & Support 12 Months                                          | D0ER1LL | 258.505,49 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                     | D03FXZX | 257.972,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Non-RDBMS Targets for Non-Prod Environments Per Install License + SW Subscription & Support 12 Months                                      | D1RGDLL | 257.439,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Netherlands Install Initial Fixed Term License + SW Subscription & Support 12 Months                  | D05EBZX | 257.439,48 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Netherlands Install Subsequent Fixed Term License + SW Subscription & Support 12 Months               | E05ECZX | 257.439,48 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Plus Modernization Virtual Processor Core from Infosphere DataStage 70 Processor Value Unit Trade Up License + Subscription and Support 12 Months | D03K9ZX | 256.885,59 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 B2B Module Application instance SW Subscription & Support Reinstatement 12 Months                                                                 | D1WM7LL | 256.624,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 B2B Module FOR ASL ONLY Application instance SW Subscription & Support Reinstatement 12 Months                                                    | D1WMBLL | 256.624,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Discovery Cartridge for IBM Cloud Pak for Data Additional Capacity 8 Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                  | E0Q6PLL | 256.275,41 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Digital Commerce-AddOn-CPQ 50 Authorized Users Per Month                                                                                                               | D00K5ZX | 256.185,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Concurrent User from Standard Concurrent User Trade Up License + SW Subscription & Support 12 Months                                           | D0ER3LL | 255.055,05 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Workgroup Edition Terabyte License + SW Subscription & Support 12 Months                                                                 | D0TKZLL | 254.774,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Professional Virtual Processor Core License + SW Subscription & Support 12 Months                                                                          | D1Q6BLL | 254.241,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Operational Risk Management Application Annual SW Subscription & Support Renewal 12 Months                                                                   | E0QFCLL | 254.241,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for IBM Storage Scale System per Install License + SW Subscription & Support 12 Months                                         | D0DGNZX | 254.241,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Service Quoting Add-on per Resource Value Unit Subsequent Fixed Term License + SW Subscription & Support 12 Months                           | E0HSGLL | 253.708,48 | Temporária com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Process Mining Platform Instance per Annum                                                                                                                                 | D0A30ZX | 253.698,48 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Forms Processing Module Concurrent User License + SW Subscription & Support 12 Months                                                     | D610QLL | 253.175,48 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Add-on MDM Server Large Instance per Month                                                                                     | D01W0ZX | 252.705,18 | Saas                      |

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| Real | 12 |  | PPA | 7831 | IBM Sterling File Gateway Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                                   | D08HGZX | 252.614,33 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Informix Enterprise Edition CPU Option Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                   | D229QLL | 252.004,15 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Security Guardium Key Lifecycle Manager for Raw Petabyte Storage Resource Value Unit License + SW Subscription & Support 12 Months                                                                            | D20JBLL | 251.393,97 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Information Server Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                               | D0351ZX | 251.393,97 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data-Address and Geo for Africa and Middle East Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                                       | D05DEZX | 251.393,97 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data-Address and Geo for Africa and Middle East Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                    | E05DFZX | 251.393,97 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Performance Test Pack Virtual Testers 250 Floating Users from Competitive Trade Up License + SW Subscription & Support 12 Months                                                                     | D59SULL | 250.783,79 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar Event Capacity 500 Events Per Second SW Subscription & Support Reinstatement 12 Months                                                                                                        | D1RNSLL | 250.725,56 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM SPSS Predictive Analytics Enterprise Client Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                 | D10WKLL | 249.563,43 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Sterling File Gateway Financial Standard Edition for Non-Production Environment from Sterling File Gateway Standard Edition for Non-Production Install Trade Up License + SW Subscription & Support 12 Months | D0J4PLL | 249.563,43 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM DataPower Gateway X3 B2B Module Application instance SW Subscription & Support Reinstatement 12 Months                                                                                                        | D09W6ZX | 249.250,71 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar SIEM All-in-One 31XX Failover Install SW Subscription & Support Reinstatement 12 Months                                                                                                       | D0WPGLL | 249.041,28 | Manutenção após Vigência  |
| Real | 1  |  | PPA | 7831 | IBM Financial Transaction Manager for Check Services Virtual Server Subscription License                                                                                                                          | D276PLL | 248.942,82 | Assinatura                |
| Real | 12 |  | PPA | 7831 | IBM TRIRIGA Workplace Reservation Manager per Install Annual SW Subscription & Support Renewal                                                                                                                    | E0F44LL | 247.312,46 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Db2 Advanced Edition VPC Option Virtual Processor Core from Db2 Advanced Workgroup Server Edition PVU Trade Up Lic + Subscr and Support 12 Months                                                             | D26XGLL | 246.779,46 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Spectrum LSF Explorer Install SW Subscription & Support Reinstatement 12 Months                                                                                                                               | D02ZMZX | 246.779,46 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Accelerate Terabyte LIC + SW S&S 12 MO                                                                                                                      | D08TCZX | 246.246,46 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SVC for XIV SoftWare 2TB drives Storage Device License + SW Subscription & Support 12 Months                                                                                                                  | D0JWZLL | 245.902,35 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Cognos Command Center Starter Edition Install License + SW Subscription & Support 12 Months                                                                                                                   | D0ZZELL | 245.713,46 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for FIX per Application instance SW Subscription & Support Reinstatement 12 Months                                                                                                               | D03SJLL | 245.713,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for JD Edwards EnterpriseONE Application instance License + SW Subscription & Support 12 Months                                                                                                             | D59LVLL | 245.713,46 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Oracle E-Business Application instance License + SW Subscription & Support 12 Months                                                                                                                    | D59LILL | 245.713,46 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for PeopleSoft Enterprise Application instance License + SW Subscription & Support 12 Months                                                                                                                | D55SZLL | 245.713,46 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for SAP Software per Application instance License + SW Subscription & Support 12 Months                                                                                                                     | D555XLL | 245.713,46 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Siebel Business Applications Application instance License + SW Subscription & Support 12 Months                                                                                                         | D5566LL | 245.713,46 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Configure Price Quote Add-on for Red Hat OpenShift Resource Value Unit Annual SW Subscription & Support Renewal                                                                                     | EOQYILL | 245.658,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Dev and Test for zOS Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                                            | D09HLZX | 244.647,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Modernization for IBM Cloud Pak for Data Virtual Processor Core LIC + SW S&S 12 MO                                                                                                                             | D05T0ZX | 244.071,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                                                          | D26QALL | 244.071,82 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Science and MLOps Express Install Monthly License                                                                                                                                                                        | D0D5EZX | 243.299,28 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Document Archive Retrieval Transport Server SW Subscription & Support Reinstatement 12 Months                                                                                                                         | D04DKLL | 242.851,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Address Verification Interface Install License + SW Subscription & Support 12 Months                                                                                                                  | D0T6JLL | 242.851,46 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for North America Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                                               | D05GHZX | 242.851,46 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for North America Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                            | E05GIZX | 242.851,46 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for United Kingdom Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                                              | D05GYZX | 242.851,46 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for United Kingdom Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                           | E05GZZX | 242.851,46 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configure Price Quote for eCommerce for Red Hat OpenShift Resource Value Unit Trade Up License from IBM Sterling Configurator Add-on for eCommerce Resource Value Unit License + SW Subscription & Support 12 Months | D0BPNZX | 242.515,46 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Strategic Facility Planning Install License + SW Subscription & Support 12 Months                                                                                                                                     | D0N6QLL | 241.631,10 | Permanente com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Facilities Install License + SW Subscription & Support 12 Months                                                                                                            | D0N6SLL | 241.631,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Operations Install License + SW Subscription & Support 12 Months                                                                                                            | D0N6WLL | 241.631,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Projects Install License + SW Subscription & Support 12 Months                                                                                                              | D0N72LL | 241.631,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Real Estate Install License + SW Subscription & Support 12 Months                                                                                                           | D0N6LLL | 241.631,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Streaming 500Mbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                                                                      | D1YASLL | 240.410,74 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition VPC Option Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                                             | D233NLL | 239.317,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core from IBM Informix Workgroup Edition Cartridge for IBM Cloud Pak for Data Trade Up License + Subscription & Support 12 Months | D03QJZX | 238.784,45 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Solution Initiation Workshop for ECM Engagement Remotely Del SW Svc                                                                                                                                            | D00UHZX | 237.531,42 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Capacity Instance per Month                                                                                                                                                         | D01YXZX | 237.531,42 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Connection from Impact DSA Tier 1 Trdup Lic + SW S&S 12 Mo                                                                                                                             | D142HLL | 237.185,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Connection from Impact DSA Tier 2 Trdup Lic + SW S&S 12 Mo                                                                                                                             | D142ILL | 237.185,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Connection from Impact DSA Tier 3 Trdup Lic + SW S&S 12 Mo                                                                                                                             | D142JLL | 237.185,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Connection from NNM Data Exchange Trdup Lic + SW S&S 12 Mo                                                                                                                             | D15QRLL | 237.185,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Connection from NNM Event Forwarding Trdup Lic + SW S&S 12 Mo                                                                                                                          | D15QQLL | 237.185,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Connection from Omni Data Exchange Trdup Lic + SW S&S 12 Mo                                                                                                                            | D142GLL | 237.185,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Connection from Omni Event Forwarding Trdup Lic + SW S&S 12 Mo                                                                                                                         | D142FLL | 237.185,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure File Transfer Container Edition with Red Hat OpenShift Virtual Processor Core Trade Up License                                                                                                       | D09ZQZX | 237.185,45 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                                        | D08GWZX | 236.749,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SVC for XIV Software 3TB drives Storage Device SW Subscription & Support Reinstatement 12 Months                                                                                                                     | D0N7SLL | 236.749,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 500 Mbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                                                                     | D04FAZX | 236.119,44 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 5000 Floating User Annual SW Subscription & Support Renewal                                                                                                           | E012RLL | 236.119,44 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for HPC Install tradeup from IBM Spectrum LSF Suite for Workgroups Install Trade Up License + SW Subscription & Support 12 Months            | D1VN9LL | 236.119,44 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Starter Edition Install from Cognos Integration Server Express Edition Install Trade Up License + SW Subscription & Support 12 Months | D1BCJLL | 235.529,31 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Workgroup Edition Accelerator Oracle Applications Terabyte SW Subscription & Support Reinstatement 12 Months                      | D0TL6LL | 235.529,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Netherlands Install Initial Fixed Term License + SW Subscription & Support 12 Months                   | D05G9ZX | 235.529,31 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Netherlands Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                | E05GAZX | 235.529,31 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Open Data for Industries Cartridge for IBM Cloud Pak for Data Virtual Processor Core LIC + SW S&S 12 MO                                                         | D049PZX | 235.529,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Standard for Non-Production Install SW Subscription & Support Reinstatement 12 Months               | D0J0RLL | 235.529,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Delivery and Service Scheduling Add-on per Resource Value Unit Initial Fixed Term License + SW Subscription & Support 12 Months       | D101WLL | 235.529,31 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One 31XX Install SW Subscription & Support Reinstatement 12 Months                                                           | D0WQELL | 235.239,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge QuickReport Enterprise Edition Server Initial Fixed Term License + SW Subscription & Support 12 Months                                     | D0BIXLL | 234.919,13 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge QuickReport Enterprise Edition Server Subsequent Fixed Term License + SW Subscription & Support 12 Months                                  | E081ULL | 234.919,13 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Incident Forensics Application instance Annual SW Subscription & Support Renewal                                                                | E0JCHLL | 233.001,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Incident Forensics Standalone Install Annual SW Subscription & Support Renewal 12 Months                                                        | E0LFMLL | 233.001,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Integrated Analytics System Additional 10% Capacity M4002-003 per Appliance Install ANNUAL SW SUBSCRIPTION & SUPPORT RENEWAL 12 Months                              | E0P93LL | 233.001,33 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak System Accelerator Services - IBM Cloud Pak for Applications Engagement Remotely Delivered Service                                                    | D04KJZX | 232.764,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak System Accelerator Services - IBM Cloud Pak for Automation Engagement Remotely Delivered Service                                                      | D04KKZX | 232.764,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak System Accelerator Services - IBM Cloud Pak for Integration Engagement Remotely Delivered Service                                                     | D04KLZX | 232.764,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak System Accelerator Services - IBM Cloud Pak for Multi Cloud Management Engagement Remotely Delivered Service                                          | D04KIZX | 232.764,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak System Accelerator Services for OpenShift Container Platform Engagement Remotely Delivered Service                                                    | D04KMZX | 232.764,00 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 2.5 Gbps Install License + SW Subscription & Support 12 Months                                                                                                                                                 | D04G1ZX | 232.388,44 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Enterprise Edition Install from Standard Edition Install Trade Up License + SW Subscription & Support 12 Months                                                                                                      | D25V7LL | 232.388,44 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                                                                   | D1193LL | 232.388,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Extension Floating User SW Subscription & Support Reinstatement 12 Months                                                                                                                          | D56TCLL | 231.855,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Extension for Citrix Presentation Server Floating User SW Subscription & Support Reinstatement 12 Months                                                                                           | D56U3LL | 231.855,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Extension for Siebel Test Automation Floating User SW Subscription & Support Reinstatement 12 Months                                                                                               | D554FLL | 231.855,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Extension for SOA Floating User SW Subscription & Support Reinstatement 12 Months                                                                                                                  | D60PULL | 231.855,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Capacity Pack Increase of 100K FPM Install Annual SW Subscription & Support Renewal                                                                                                                  | E0F4RLL | 231.312,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Spatial Asset Management Install License + SW Subscription & Support 12 Months                                                                                                                                          | D0H19LL | 231.258,05 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage for Hybrid Design Thinking Workshop Engagement                                                                                                                                                                          | D1W5MLL | 231.150,37 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for UK Payments Integration Virtual Server Annual SW Subscription & Support Renewal                                                                                                              | E0KS4LL | 229.723,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 Application Optimization Module Application instance License + SW Subscription & Support 12 Months                                                                                                        | D1WLWLL | 229.624,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Pricing Add-on per Resource Value Unit Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                           | E0HSHLL | 229.190,43 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition Modernization Virtual Processor Core from IBM Informix Workgroup Edition Modernization Virtual Processor Core Trade Up License + Subscription & Support 12 Months                                  | D03RUZX | 228.657,43 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Developer Network Enterprise for Non-Production Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                                | D1F9FLL | 228.124,43 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Developer Network Enterprise for Non-Production Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                             | E0L9JLL | 228.124,43 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Standard Edition for Non-Production Environment Install from Cognos Integration Server Starter Edition for Non-Production Environment Install Trade Up License + SW Subscription & Support 12 Months | D0ZZ1LL | 228.124,43 | Upgrade com Manutenção    |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Blackboard Ally Up to 5,000 Users Instance 3rd Party per Annum                                                                                                                                                                     | D1VBMLL | 228.030,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 Integration Module Application instance SW Subscription & Support Reinstatement 12 Months                                                                                                                 | D1WMDLL | 227.936,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 Integration Module FOR ASL ONLY Application instance SW Subscription & Support Reinstatement 12 Months                                                                                                    | D1WMHLL | 227.936,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Data Store Connection SW Subscription & Support Reinstatement 12 Months                                                                                                                                        | D1VRXLL | 227.936,08 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity 25K Flows Per Minute SW Subscription & Support Reinstatement 12 Months                                                  | D1RQHLL | 227.936,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 100 Remote/Branch Configuration Source Install License + SW Subscription & Support 12 Months                        | D0WWFLL | 227.936,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support                                         | D05SEZX | 227.591,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 7710 Software Small for Non-Prod Environments Install Annual SW Subscription & Support Renewal                                  | E0DHBLL | 226.986,79 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Information Server Enterprise Edition on Cloud Managed Medium Instance per Month                                                                           | D010CZX | 226.960,65 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Crimes Insight for Claims Fraud Software - Healthcare Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                 | E0RD7LL | 226.525,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 1 Gbps Install Annual SW Subscription & Support Renewal                                                                              | E04EZZX | 226.376,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager Container Edition for zCX per Install SW Subscription & Support Reinstatement 12 Months                        | D293QLL | 226.376,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 100 Mbps Install License + SW Subscription & Support 12 Months                                                    | D1BZ8LL | 225.156,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 300 Mbps Non-Production Environment Install License + SW Subscription & Support 12 Months                         | D1BZTLL | 225.156,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Integrated Workplace Manager Concurrent User License + SW Subscription & Support 12 Months                                                     | D115QLL | 225.156,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity 2.5K Events Per Second Annual SW Subscription & Support Renewal 12 Months                                               | E0NBILL | 224.915,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity 2.5K Events Per Second Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months | D1S1TLL | 224.915,58 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity 100K Flows Per Minute Annual SW Subscription & Support Renewal 12 Months                                                | E0NC3LL | 224.915,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity 100K Flows Per Minute Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months  | D1S27LL | 224.915,58 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Small and Medium Enterprise Edition for Non-Production Environment Install License + SW Subscription & Support 12 Months             | D0C2ULL | 224.393,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Industry Solutions Workbench Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                  | D24UALL | 223.860,42 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Gold 2.0 per Instance per Month                                                                                               | D1M2VLL | 223.851,60 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-AddOn-Store Engagement Client Device per Annum                                                                               | D1YB3LL | 223.851,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X3 Application Optimization Module Application instance License + SW S&S 12 Months                                                   | D09VZZX | 223.440,72 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Master Data Management Modernization Reserved Virtual Processor Core LIC + SW S&S 12 MO                                                         | D0995ZX | 223.325,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 500 Floating User Initial Fixed Term License + SW Subscription & Support 12 Months               | D0BGSLL | 222.715,54 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 500 Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months            | E07ZPLL | 222.715,54 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Standard Install Annual SW Subscription & Support Renewal                                                                 | E0BWALL | 222.715,54 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud with High Availability Medium paygo Per Instance pay per use with Support                                       | D1TV7LL | 222.408,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X3 Integration Module Application instance SW Subscription & Support Reinstatement 12 Months                                  | D09WFZX | 221.965,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Object Storage File Access Base 100 Terabyte Initial Fixed Term License + SW Subscription & Support 12 Months                             | D28K3LL | 221.818,21 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Object Storage File Access Base 100 Terabyte Subsequent Fixed Term License + SW Subscription & Support 12 Months                          | E0R31LL | 221.818,21 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core License + SW Subscription and Support 12 Months | D035NZX | 220.662,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | MQ Advanced High Availability Replica 100 Virtual Server Trade Up IBM_TO_IBM 1 TRDUP LIC + SW S&S 12 MO                                             | D238ULL | 220.662,41 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Dashboards Floating User Single Session License + SW Subscription & Support 12 Months                              | D29KCLL | 220.129,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ELT Pushdown Express Unrestricted Add-on Install Annual SW Subscription & Support Renewal                                                       | E0DE6ZX | 220.129,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Data Privacy Management Application Annual SW Subscription & Support Renewal 12 Months                                                | E0511ZX | 220.129,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Archive Enterprise Edition Additional Node Install SW Subscription & Support Reinstatement 12 Months                                   | D1JMILL | 219.596,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Archive Enterprise Edition Base Install SW Subscription & Support Reinstatement 12 Months                                              | D1JIGLL | 219.596,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Archive Enterprise Edition Multiple Libraries Install SW Subscription & Support Reinstatement 12 Months                                | D1JMLLL | 219.596,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Archive Enterprise Edition TS4300 Tape library per Install SW Subscription & Support Reinstatement 12 Months                           | D1VEWLL | 219.596,41 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Server 2.5Gbps Install Monthly License                                                                               | D20I4LL | 219.471,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Business Continuity Management Application SW Subscription and Support Renewal 12 Months                                              | E0R29LL | 219.054,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Internal Audit Management Application Annual SW Subscription & Support Renewal 12 Months                                              | E0QFFLL | 219.054,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages IT Governance Application Annual SW Subscription & Support Renewal 12 Months                                                          | E0QFDLL | 219.054,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Loss Event Entry Application Annual SW Subscription & Support Renewal 12 Months                                                       | E0MPILL | 219.054,46 | Manutenção após Vigência  |

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| Real | 12 |  | PPA | 7831 | IBM OpenPages Model Risk Governance Application Annual SW Subscription & Support Renewal 12 Months                                                                                                                              | E0QFHLL | 219.054,46 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM OpenPages Policy Management Application Annual SW Subscription & Support Renewal 12 Months                                                                                                                                  | E0QFELL | 219.054,46 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM OpenPages Third Party Risk Management Application Annual SW Subscription & Support Renewal 12 Months                                                                                                                        | E0QF8LL | 219.054,46 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM OpenPages Enterprise Edition Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                      | D25V5LL | 218.444,28 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM TRIRIGA Real Estate Environmental Sustainability Impact Manager Install SW Subscription & Support Reinstatement 12 Months                                                                                                   | D0N5QLL | 218.444,28 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar SIEM All-in-One Software 31XX Install Annual SW Subscription & Support Renewal                                                                                                                              | E0G20LL | 217.805,60 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Sterling Transformation Extender for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                 | D26S3LL | 216.931,41 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | MQ Advanced High Availability Replica 100 Virtual Server SW S&S Reinstatement 12 Mo                                                                                                                                             | D22W0LL | 216.931,41 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM SPSS Statistics Professional Concurrent User License + SW Subscription & Support 12 Months                                                                                                                                  | D0EJSLL | 216.613,74 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Build Forge Standard Edition Server Annual SW Subscription & Support Renewal                                                                                                                                       | E02XVLL | 216.398,41 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Sterling Configure, Price, Quote for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                                                                            | E0BU1LL | 216.398,41 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar SOAR Team Management Add-On per User Value Unit (Concurrent User) from SOAR Team Management (Authorized User) Trade Up License + SW Subscription & Support 12 Months                                        | D22UILL | 216.066,44 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM BigInsights BigIntegrate for Non Production Environments Virtual Server License + SW Subscription & Support 12 Months                                                                                                       | D1J39LL | 215.865,41 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Build Forge Enterprise Edition Adaptor Toolkit Server SW Subscription & Support Reinstatement 12 Months                                                                                                            | D59BMLL | 215.865,41 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Cognos Controller Small and Medium Enterprise Edition for Non-Production Environment Install from IBM Cognos Controller Express Connector Non-Production Environment Trade Up License + SW Subscription & Support 12 Months | D25YXLL | 215.332,40 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Sterling File Gateway AddOn for B2Bi Enterprise Edition for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                      | D26R3LL | 215.332,40 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Aspera Endpoint 5 Gbps Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                            | D04GSZX | 214.783,20 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Master Content for Master Data Management Server Resource Value Unit Annual SW Subscription & Support Renewal                                                                                                    | E08BSLL | 214.783,20 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Composer Add On Floating User Single Install License + SW Subscription & Support 12 Months                                                                              | D09NILL | 214.173,02 | Permanente com Manutenção |

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| Real | 12 |  | PPA | 7831 | IBM Sterling Order Management Software Supply Collaboration Add-on for Red Hat OpenShift Resource Value Unit Trade Up License from IBM Sterling Order Mgmt Supply Collaboration Add-on Resource Value Unit License + Software Subscription & Support 12 month | D0BQLZX | 213.733,40 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Virtual Dev and Test for zOS Resource Value Unit License + SW Subscription & Support Trade Up from Development and Test Environment Enterprise Edition Resource Value Unit License + SW Subscription & Support                                            | D09HGZX | 213.733,40 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Aspera High-Speed Transfer Server 2.5Gbps Install Annual SW Subscription & Support Renewal 12 Months                                                                                                                                                      | E0PKULL | 213.562,84 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Aspera High-Speed Transfer Server 2.5Gbps Install from Legacy Trade Up License + SW Subscription & Support 12 Months                                                                                                                                      | D20I3LL | 213.562,84 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Cloud Pak for Data Informix Advanced Enterprise Edition Modernization Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                                            | D0527ZX | 213.562,84 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition Accelerator for Oracle Applications Terabyte Annual SW Subscription & Support Renewal                                                                                                            | E0DTWLL | 213.562,84 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Virtual Data Pipeline and Optim Data Privacy Terabyte License + SW Subscription and Support 12 Months                                                                                                                                          | D2799LL | 213.562,84 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Optim Data Privacy for Unstructured Data Annual Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                                                                     | D2605LL | 212.952,66 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar Log Manager Console 31XX Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                                        | D0WQKLL | 212.379,30 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Engineering Systems Design Rhapsody Automatic Test Generation Add On Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                                    | D09HBLL | 212.342,48 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Terabyte Annual SW Subscription & Support Renewal                                                                                                                                                             | E0EL7LL | 212.342,48 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM SPSS Modeler Gold Concurrent User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                                                                                        | D10MULL | 212.342,48 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Modeler Gold Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                                                                                     | E0I2ULL | 212.342,48 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SevOne Data Collector for Aruba Wi-Fi Install SW S&S Reinstat 12 Mo                                                                                                                                                                                       | D0BH3ZX | 212.134,40 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM SevOne Data Collector for Cisco ACI Install SW S&S Reinstat 12 Mo                                                                                                                                                                                         | D0BHCZX | 212.134,40 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM SevOne Data Collector for Cisco SD-WAN Install SW S&S Reinstat 12 Mo                                                                                                                                                                                      | D0BHLZX | 212.134,40 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM SevOne Data Collector for Cisco Wi-Fi Install SW S&S Reinstat 12 Mo                                                                                                                                                                                       | D0BHVZX | 212.134,40 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM SevOne Data Collector for Nuage SD-WAN Install SW S&S Reinstat 12 Mo                                                                                                                                                                                      | D0BI3ZX | 212.134,40 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM SevOne Data Collector for Versa SD-WAN Install SW S&S Reinstat 12 Mo                                                                                                                                                                                      | D0BIBZX | 212.134,40 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Analytic & Cognos Jumpstart - Non-Saas Engagement Remotely Delivered Service -- Software Services ?                                                                                                                                           | D06TWZX | 212.058,00 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Analytics & Cognos Jumpstart - Saas Engagement Remotely Delivered Service -- Cloud Services                                                             | D06F7ZX | 212.058,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Cloud Pak for Data Jumpstart - Non-Saas Engagement Remotely Delivered SW Services                                                                       | D05WRZX | 212.058,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Cloud Pak for Data Jumpstart - Saas Engagement Remotely Del Svc                                                                                         | D05WNZX | 212.058,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Data Science Jumpstart - Non-Saas Engagement Remotely Delivered Service - Software Services                                                             | D06U3ZX | 212.058,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Data Science Jumpstart - Saas Engagement Remotely Delivered Service                                                                                     | D06TNZX | 212.058,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Databases Jumpstart - Non-Saas Engagement Remotely Delivered Service - Software Services                                                                | D06UDZX | 212.058,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Databases Jumpstart - Saas Engagement Remotely Delivered Service - Cloud Services                                                                       | D06UAZX | 212.058,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs DataOps Jumpstart - Non-Saas Engagement Remotely Delivered Service - Software Services                                                                  | D06TKZX | 212.058,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs DataOps Jumpstart - Saas Engagement Remotely Delivered Service                                                                                          | D06TRZX | 212.058,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs OpenPages Jumpstart - Non-Saas Engagement Remotely Delivered Service -- Software Services                                                               | D06UMZX | 212.058,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs OpenPages Jumpstart - Saas Engagement Remotely Delivered Service -- Cloud Services                                                                      | D06EDZX | 212.058,00 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Essentials Edition Hundred Thousand Order Lines Advanced Support per Annum                                                                | E0EDKZX | 211.912,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 5Gbps from Aspera High-Speed Transfer Endpoint 1Gbps Resource Value Unit Trade Up License + SW Subscription & Support 12 Months | D1VYLL  | 211.732,31 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Publisher Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                   | D0BK6LL | 210.511,95 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Publisher Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                | E0833LL | 210.511,95 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 300 Mbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                    | D04E7ZX | 209.901,76 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Germany Install Initial Fixed Term License + SW Subscription & Support 12 Months                   | D05DZZX | 209.901,76 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Germany Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                | E05E0ZX | 209.901,76 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Italy Install Initial Fixed Term License + SW Subscription & Support 12 Months                     | D05E3ZX | 209.901,76 | Temporária com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Italy Install Subsequent Fixed Term License + SW Subscription & Support 12 Months             | E05E4ZX | 209.901,76 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Essentials Software Install Subscription License                                                                                                   | D0GPEZX | 209.438,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 500 Events Per Second License + SW Subscription & Support 12 Months                                       | D1RPLLL | 209.363,52 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 50K Flows Per Minute SW Subscription & Support Reinstatement 12 Months                                    | D1RRILL | 209.363,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Master Data Management Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support 12 Months                               | D039LZX | 208.936,39 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise 1 Billion API Calls Reserved Instance Instance Advanced Support per Month                                                               | E0EAAZX | 208.928,16 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 5Gbps Resource Value Unit from Point-to-Point Client 1 Gbps Install Trade Up License + SW Subscription & Support 12 Months | D1YDPLL | 208.403,39 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Governance Express Install Monthly License                                                                                                                | D0D3CZX | 208.183,92 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 100 Mbps Install from Aspera Enterprise 45 Mbps Install Trade Up License + SW Subscription & Support 12 Months                               | D04DQZX | 207.870,39 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Enterprise Adapter for Oracle Applications Server SW Subscription & Support Renewal                                                                     | E03ZCLL | 207.870,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Enterprise Adapter for SAP Applications Server SW Subscription & Support Renewal                                                                        | E0572LL | 207.870,39 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data and Governance Design for Business Analytics Engagement Remotely Delivered Service                                                                        | D00RLZX | 207.684,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data and Governance Design for Data Science Engagement Remotely Delivered Software Service                                                                     | D015TZX | 207.684,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data and Governance Design for Enterprise Content Management Engagement Remotely Delivered Software Service                                                    | D00RRZX | 207.684,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data and Governance Design for Hybrid Data Management Engagement Remotely Delivered Software Service                                                           | D00QSZX | 207.684,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data and Governance Design for Unified Governance and Integration Per Engagement Remotely Delivered Service                                                    | D00QWZX | 207.684,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Lake Design for Business Analytics Engagement Remotely Delivered Service                                                                                  | D00RIZX | 207.684,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Lake Design for Data Science Engagement Remotely Delivered Software Service                                                                               | D015QZX | 207.684,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Lake Design for Enterprise Content Management Engagement Remotely Delivered Software Service                                                              | D00RNZX | 207.684,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Lake Design for Hybrid Data Management Engagement Remotely Delivered Software Service                                                                     | D00QPZX | 207.684,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Lake Design for Unified Governance and Integration Per Engagement Remotely Delivered Service                                                              | D00QXZX | 207.684,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Strategy Design for Business Analytics Engagement Remotely Delivered Service                                                                              | D00RJZX | 207.684,54 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Strategy Design for Data Science Engagement Remotely Delivered Software Service                                                                                     | D015RZX | 207.684,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Strategy Design for Enterprise Content Management Engagement Remotely Delivered Software Service                                                                    | D00RPZX | 207.684,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Strategy Design for Hybrid Data Management Engagement Remotely Delivered Software Service                                                                           | D00QQZX | 207.684,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Strategy Design for Unified Governance and Integration per Engagement Remotely Delivered Service                                                                    | D00QTZX | 207.684,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Topology Design for Business Analytics Engagement Remotely Delivered Service                                                                                        | D00RKZX | 207.684,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Topology Design for Data Science Engagement Remotely Delivered Software Service                                                                                     | D015SZX | 207.684,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Topology Design for Enterprise Content Management Engagement Remotely Delivered Software Service                                                                    | D00RQZX | 207.684,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Topology Design for Hybrid Data Management Engagement Remotely Delivered Software Service                                                                           | D00QRZX | 207.684,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Topology Design for Unified Governance and Integration per Engagement Remotely Delivered Service                                                                    | D00QVZX | 207.684,54 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 1K Events Per Second SW Subscription & Support Reinstatement 12 Months                                              | D1RPTLL | 207.675,10 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Capacity Increase from 25K to 50K FPM Install SW Subscription & Support Reinstatement 12 Months                                                | D0WUDLL | 207.675,10 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 10 Gbps Install from Aspera Endpoint 5 Gbps Install Trade Up License + SW Subscription & Support 12 Months                                               | D04FLZX | 207.337,39 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 300Mbps Install from Enterprise Server & Connect for Web Access 155Mbps Install Trade Up License + SW Subscription & Support 12 Months | D1Y8QLL | 207.337,39 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 500Mbps from Aspera High-Speed Transfer Server 300Mbps Install Trade Up License + SW Subscription & Support 12 Months                  | D1VX2LL | 207.337,39 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Client Concurrent User Annual SW Subscription & Support Renewal                                                                     | E0JPWLL | 207.337,39 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Application Builder Authorized User SW Subscription & Support Reinstatement 12 Months                                                                            | D0N66LL | 207.337,39 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery XX-Large Instance Pay Per Use                                                                                                                           | D20CCLL | 207.151,16 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One Software 31XX Failover Install SW Subscription & Support Reinstatement 12 Months                                                  | D0YMPLL | 206.830,89 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Small Per Instance Monthly Subscription with Support per Month                                                                   | D1Y6ILL | 206.302,74 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Targets for z/OS Sources for Non-Production Environments Per Install SW Subscription & Support Reinstatement 12 Months                                  | D1RCJLL | 206.271,39 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Red Hat OpenShift Resource Value Unit SW Subscription and Support Renewal 12 Months                                                    | E0R4TLL | 206.271,39 | Manutenção após Vigência |

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| Real | 12 |                                                | PPA  | 7831 | IBM Big Replicate for Security Install SW Subscription & Support Reinstatement 12 Months                                                                                                  | D1YFZLL | 206.240,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                              | E09IWLL | 206.240,69 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Testing Environment Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                         | D29LDLL | 206.240,69 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloudera Data Platform EDH for IBM Cloud Pak for Data Install Subscription License                                                                                                        | D06PVZX | 205.048,62 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Platform EDH for IBM Cloud Pak for Data Reserved Install Subscription License                                                                                               | D09HBZX | 205.048,62 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloudera Data Platform for IBM Cloud Pak for Data Install Subscription License                                                                                                            | D06PWZX | 205.048,62 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Platform for IBM Cloud Pak for Data Reserved Install Subscription License                                                                                                   | D09HCZX | 205.048,62 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Sourceworks 2060 Capacity Feature Pack 15Gbps to 30Gbps Install Annual Software Subscription and Support Renewal                                                                      | E0NJALL | 205.005,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sourceworks 2060 Capacity Feature Pack 30Gbps to 45Gbps Install Annual Software Subscription and Support Renewal                                                                      | E0NJBLL | 205.005,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sourceworks 2060 Capacity Feature Pack 45Gbps to 60Gbps Install Annual Software Subscription and Support Renewal                                                                      | E0NJCLL | 205.005,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Aviation Concurrent User License + SW Subscription & Support 12 Months                                                                                                     | D1GSSLL | 204.410,15 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Professional Concurrent User from Authorized User Trade Up License + SW Subscription & Support 12 Months                                                                 | D127KLL | 204.410,15 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Risk Management for ESG Application Annual SW S&S Rnwl                                                                                                                      | E0BXBZX | 204.139,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Dev and Test for zOS Resource Value Unit License + SW Subscription & Support Trade Up from Competitor Product License + SW Subscription & Support                             | D09HFZX | 204.139,38 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Non-Production Environment Gold per Instance per Month                                                                                                                        | D1NQBL  | 203.953,68 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Workgroup Edition Terabyte SW Subscription & Support Reinstatement 12 Months                                                                    | D0UWMLL | 203.799,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM AI Decision Coordination - Studio Ten Authorized Users SW S&S Reinstatement 12 Mo                                                                                                     | D0A3VZX | 203.606,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Analytics Content Hub Server Install Annual SW Subscription & Support Renewal                                                                                                         | E0D6NZX | 203.606,38 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Natural Language Understanding Premium Retired, do not use this part (old Premium Tier 1 Instance Fee)                                                                         | D1VGVLL | 202.650,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Document Archive Retrieval Transport Non-Prod Server License + SW Subscription & Support 12 Months                                                                            | D04G1LL | 202.579,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition CPU Option per Virtual Processor Core Trade up from Informix WRKGRP edition Virtual Processor Core Trade Up License + SW Subscription & Support 12 Months | D229SLL | 202.579,61 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Standard Edition for Non-Production Environment from Cognos Command Center Server Starter Edition for Non-Production Environment Install Trade Up License + SW Subscription & Support 12 Months | D0ZZKLL | 201.474,38 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Modernization Virtual Processor Core SW Subscription and Support Renewal 12 Months                                                                                                              | E03ETZX | 200.941,38 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Silver per Instance per Month                                                                                                                                                                                 | D1M2HLL | 200.844,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Watson Jumpstart - Non-Saas Engagement Remotely Delivered Service -- Software Services                                                                                                                    | D06TUZX | 199.920,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Watson Jumpstart - Saas Engagement Remotely Delivered Service                                                                                                                                             | D06U0ZX | 199.920,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 250 Floating Users SW Subscription & Support Reinstatement 12 Months                                                                                                   | D530DLL | 199.875,38 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Global Mailbox Deployment Assurance Engagement Remotely Delivered Service -- Cloud Services                                                                                                                  | D04YJZX | 199.405,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Secure File Transfer Bundle Deployment Assurance Engagement Remotely Delivered Service -- Software Services                                                                                                  | D04YLZX | 199.405,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Floating User Single Install License + SW Subscription & Support 12 Months                                                                                      | D09N7LL | 199.342,37 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Floating User Single Install License + SW Subscription & Support 12 Months                                                                         | D09Q4LL | 199.342,37 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Session per Simultaneous Session License + SW Subscription & Support 12 Months                                                                                                                       | D12U1LL | 199.342,37 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Asia Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                                       | D05F8ZX | 198.276,37 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Asia Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                    | E05F9ZX | 198.276,37 | Temporária com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Additional Applications for Business Application per Annum                                                                                                                        | D1NTCLL | 197.735,64 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Additional Applications for Business Application per Annum                                                                                                                                           | D1NTELL | 197.735,64 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Customer Care Workshop - Non-Saas Engagement Remotely Delivered Service                                                                                                                              | D00FQZX | 197.735,58 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Dedicated Node Base Non Production Ten Thousand Items per Month                                                                                                                        | D1UH4LL | 197.735,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event Capacity Pack Increase of 2.5K EPS Install Annual SW Subscription & Support Renewal                                                                                                        | E0F4QLL | 197.544,60 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Standard Edition for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                                                                   | D0ZZ0LL | 196.477,81 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Corporate Payment Services Virtual Server Monthly License                                                                                                                           | D1CXZLL | 196.269,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Hybrid Cloud DNS Enterprise Request Overage                                                                                                                                                                           | D0GYVZX | 195.870,15 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C, C++, Java and Ada Floating User Single Install from Authorized User Trade Up License + SW Subscription & Support 12 Months                 | D09QVLL | 195.867,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One Software 21XX Install SW Subscription & Support Reinstatement 12 Months                                                                                  | D0YMZLL | 195.856,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Console Software 31XX Failover Install SW Subscription & Support Reinstatement 12 Months                                                                            | D0YMXLL | 195.856,20 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Science and MLOps Express Unrestricted Add-on Install Monthly License                                                                                                                      | D0D61ZX | 195.642,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 500Mbps Install from Enterprise Server & Connect for Web Access 300Mbps Install Trade Up License + SW Subscription & Support 12 Months                        | D1Y8SLL | 195.257,45 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Floating User Single Install from Rational Rose Modeler Floating User Trade Up License + SW Subscription & Support 12 Months | D0C9VLL | 195.257,45 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Install Subscription License                                                                                                                                     | D0D5FZX | 195.015,66 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Reserved Install Subscription License                                                                                                                            | D0D5ZZX | 195.015,66 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 500 Remote/Branch Configuration Source Install Annual SW Subscription & Support Renewal                                                                      | E0G41LL | 194.681,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event Capacity Increase from 1K to 2.5K EPS Failover Install SW Subscription & Support Reinstatement 12 Months                                                             | D0WTXLL | 194.681,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator AddOn for File Gateway Enterprise Edition for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                | D26QKLL | 194.647,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo APM Data Model for E&U per Authorized User Annual SW Subscription & Support Renewal                                                                                                      | E0P39LL | 194.545,37 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Aviation Maintenance Optimization Install Monthly License                                                                                                                            | D279ILL | 194.539,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AI Governance Non-Production Install Monthly License                                                                                                                                            | D0CP5ZX | 194.388,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Multiplatform Base Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                     | E0HU6LL | 194.012,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX User Based Limited Use Edition Floating User Single Session Initial Fixed Term License + SW Subscription & Support 12 Months                                                         | D1QY5LL | 194.012,36 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX User Based Limited Use Edition Floating User Single Session Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                      | E0N6ILL | 194.012,36 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Appliance M2002B Additional Capacity Install Annual SW Subscription & Support Renewal 12 Months                                                                                              | E0PBTLL | 194.012,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Gold Keyless Authorized User License + SW Subscription & Support 12 Months                                                                                                         | D10N2LL | 194.012,36 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                                  | D26BALL | 194.012,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | MQ 100 Virtual Server Annual SW S&S Rnwl                                                                                                                                                            | EQ02JLL | 194.012,36 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | MQ High Availability Replica 100 Virtual Server LIC + SW S&S 12 MO                                                                                                     | D22VSL  | 194.012,36 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege DevOps Vault Non-Production 1000 Record Advanced Support 12 Months                                                                       | E0E2DZX | 194.004,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Central America and Caribbean Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D05D6ZX | 193.426,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Central America and Caribbean Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E05D7ZX | 193.426,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Eastern Europe Install Initial Fixed Term License + SW Subscription & Support 12 Months                   | D05FKZX | 193.426,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Eastern Europe Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                | E05FLZX | 193.426,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Germany Install Initial Fixed Term License + SW Subscription & Support 12 Months                          | D05FTZX | 193.426,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Germany Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                       | E05FUZX | 193.426,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Italy Install Initial Fixed Term License + SW Subscription & Support 12 Months                            | D05G1ZX | 193.426,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Italy Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                         | E05G2ZX | 193.426,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 2500 Floating User Annual SW Subscription & Support Renewal                                                         | E012NLL | 193.426,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                          | D0EJILL | 193.426,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Qradar SIEM Event Processor 16XX Install Annual SW Subscription & Support Renewal                                                                         | E0G1GLL | 192.468,74 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Qradar SIEM Flow Processor 17XX Install Annual SW Subscription & Support Renewal                                                                          | E0G1ILL | 192.468,74 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM BigInsights BigQuality for Non Production Environments Virtual Server License + SW Subscription & Support 12 Months                                                | D1J3FLL | 192.413,36 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Motio ReportCard Virtual Processor Core SW S&S REINSTATE 12 MO                                                                                                         | D08YCZX | 192.413,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Streaming 300Mbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                    | D1YARLL | 191.880,36 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 100 Floating User License + SW Subscription & Support 12 Months                                                     | D530MLL | 191.880,36 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Starter Edition Install from Cognos Command Center Express Edition Install Trade Up License + SW Subscription & Support 12 Months            | D1BCPLL | 191.347,36 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Compass Saas - Accelerator Micro Edition with 3-year S&S                                                                                                               | D06CEZX | 191.253,30 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 45 Mbps Install SW Subscription & Support Reinstate 12 Months                                                                                                         | D04EHZX | 190.814,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Data Warehouses Resource Value Unit (MVS) SW Subscription & Support Reinstatement 12 Months                                                       | D1NE8LL | 190.814,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services - Real Time Scoring Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                    | D12FULL | 190.814,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Concurrent User to IBM SPSS Statistics Professional Concurrent User Trade Up Lic + Subscription and Support 12 Months                                              | D27UFL  | 190.814,36 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Speech to Text Library for Embed (125,000 Monthly Minutes) License + SW Subscription & Support                                                                                   | D0CY3ZX | 190.814,36 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 25K Flows Per Minute License + SW Subscription & Support 12 Months                                                                 | D1RRBLL | 190.790,95 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Financial Crimes Insight Cartridge for IBM Cloud Pak for Data Reserved Install Subscription License                                                                                     | D09M5ZX | 190.626,24 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Connection SW S&S Reinstate 12 Mo                                                                                                                         | D142ELL | 190.281,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Data Store for Disaster Recovery Connection License + SW Subscription & Support 12 Months                                                                               | D1W7WLL | 189.946,74 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM US Secure Support Advanced Engagement per Annum                                                                                                                                         | D04R3ZX | 189.352,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Check for Red Hat OpenShift Resource Value Unit Subscription License Upgrade                                                                          | D09U1ZX | 188.745,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Scheduler Optimization per Install Monthly License                                                                                                                               | D28NPLL | 188.745,06 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription and Support Renewal 12 Months                                                         | E03IDZX | 188.545,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Connector for eMail and Electronic Documents Connection SW Subscription & Support Reinstatement 12 Months                                                                       | D0IBRLL | 188.545,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Plus Modernization Virtual Processor Core from Information Server for Data Integration 70 Processor Value Unit Trade Up License + Subscription & Support 12 Months | D03K7ZX | 188.545,48 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Virtualization Server Concurrent Virtual Services 25 Item SW Subscription & Support Reinstatement 12 Months                                                               | D20V3LL | 188.545,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Integrated Workplace Manager Concurrent User from TRIRIGA Capital Projects Manager Concurrent User Trade Up License + SW Subscription & Support 12 Months                       | D115VLL | 188.545,48 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Reporting Install License Plus SW Subscription and Support 12 Months                                                                                                            | D263CLL | 188.545,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 10 Gbps Non-Production Environment Install Annual SW Subscription & Support Renewal 12 Months                                                      | E0KPDLL | 187.935,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Authorized User License + SW Subscription & Support 12 Months                                                                                                      | D0EP4LL | 187.935,30 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Info Server Enterprise Ed on Cloud Managed High Availability Small Instance per Month                                                                                                   | D01T3ZX | 187.786,62 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS TX Advanced Virtual Processor Core SW S&S Reinstate 12 Mo                                                                                                                          | D05JTZX | 187.325,12 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Team Management Add-On per User Value Unit (Concurrent User) SW Subscription & Support Reinstatement 12 Months                                                                          | D22P9LL | 187.306,74 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Security QRadar Risk Manager Added 50 Remote Branch Configuration Source Install                                                                                                                                 | D0WWCLL | 186.569,32 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Security QRadar Risk Manager Added 50 Remote Branch Configuration Source Install                                                                                                                                 | D16ACLL | 186.569,32 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 1 Gbps Install Annual SW Subscription & Support Renewal 12 Months                                                                                                       | E0KM3LL | 186.550,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Industry Solutions Workbench Non-Production Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                             | D25Z8LL | 186.550,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Gateway with DRDA Server Install License + SW Subscription & Support 12 Months                                                                                                           | D6DD7LL | 186.550,35 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PAIRS Geoscope Instance per Month                                                                                                                                                                            | D1TYPLL | 186.543,00 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM StepZen Graph Server Enterprise Add on Location per Annum                                                                                                                                                    | D0EX8ZX | 186.543,00 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM StepZen Graph Server Enterprise Add on Resource Unit per Annum                                                                                                                                               | D0EX9ZX | 186.543,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog Manager for Customers-Website-Item One Time Setup                                                                                                       | D014MZX | 186.543,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                   | D0C19ZX | 186.017,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition VPC Option Virtual Processor Core from Db2 Enterprise Server Edition 70 PVUs Trade Up Lic + Subscr and Support 12 Months                                                                | D26XFLL | 186.017,35 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Enterprise Edition CPU Option Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                     | D229FLL | 186.017,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Usable Petabyte Storage Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                    | D20K4LL | 184.884,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Floating User Single Install from Ratl Rose Dev for Java or Rose for Visual Studio Trade Up License + SW Subscription & Support 12 Months | D0C9WLL | 184.274,22 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event Capacity Increase to 1K EPS from 500 EPS Install SW Subscription & Support Reinstatement 12 Months                                                                                | D10UWLL | 182.882,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Control Virtual Processor Core LIC + SW S&S 12 MO                                                                                                          | D08THZX | 182.819,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 5 Gbps Install from Aspera Endpoint 1 Gbps Install Trade Up License + SW Subscription & Support 12 Months                                                                                    | D04GNZX | 182.286,34 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Enterprise Edition for Non-Production Environment Install License + SW Subscription & Support 12 Months                                                                                            | D25VELL | 182.286,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Financial Controls Management Application Annual SW Subscription & Support Renewal 12 Months                                                                                                       | E0QFBLL | 182.286,34 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Standard Edition Install License + SW Subscription & Support 12 Months                                                                                                                             | D25V1LL | 182.286,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Client Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                 | D10WQLL | 182.286,34 | Temporária com Manutenção |



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| Real | 12 |  | PPA | 7831 | IBM SPSS Predictive Analytics Enterprise Client Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                   | E0I5NLL | 182.286,34 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Virtual Storage Center Virtual Processor Core SW S&S REINSTATE 12 MO                                                                                     | D08UGZX | 181.753,34 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere DataStage Pack for SAS per Install License + SW Subscription & Support 12 Months                                                                                                       | D0CZELL | 181.220,34 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM OpenPages Modernization for Non-Production Environment Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                  | E0R6XLL | 181.220,34 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Performance Tester Extension for Siebel Test Automation Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                            | D0BI6LL | 181.220,34 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Performance Tester Extension Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                              | D0BI7LL | 181.220,34 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Performance Tester Extension Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                           | E0814LL | 181.220,34 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Performance Tester Extension for Citrix Presentation Server Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                               | D0BI8LL | 181.220,34 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Performance Tester Extension for Citrix Presentation Server Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                            | E0815LL | 181.220,34 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Performance Tester Extension for Siebel Test Automation Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                | E0813LL | 181.220,34 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Performance Tester Extension for SOA Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                      | D0BJ4LL | 181.220,34 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Performance Tester Extension for SOA Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                   | E0821LL | 181.220,34 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM DataStage Enterprise Modernization Non Production Virtual Processor Core from Infosphere DataStage Workgroup Edition 70 PVUs Non Production Trade Up License + Subscription and Support 12 Months | D03N9ZX | 180.613,15 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Apptio Cloudability Elevated Onboarding Engagement Remotely Del Svc                                                                                                             | D0GW2ZX | 180.324,90 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Information Server Pack for SAP Applications Install Annual SW Subscription & Support Renewal                                                                                          | E0DAALL | 180.002,97 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Information Server Pack for SAP BW Server Annual SW Subscription & Support Renewal                                                                                                     | E02WGLL | 180.002,97 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Cloud Expert Labs Build Services Direct Engagement Pay per Use                                                                                                                                    | D07IVZX | 179.851,88 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Test Automation Server Professional Floating User Single Install License + SW Subscription & Support 12 Months                                                                           | D02KVZX | 179.392,78 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Cognos Controller Enterprise Edition for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                                              | E08C2LL | 178.555,34 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Cognos Controller Standard Edition Install Annual SW Subscription & Support Renewal                                                                                                               | E0633LL | 178.555,34 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per Production Server for 2 LPARs Group P30 SW SUPPORT 12 MO                                                                          | D1UQALL | 178.555,34 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Floating User Single Install License + SW Subscription & Support 12 Months                                                                               | D0PRPLL | 178.555,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway AddOn for B2Bi Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                | D26R5LL | 178.555,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event/Flow Processor Software 18XX Install Annual SW Subscription & Support Renewal                                                                         | E0G28LL | 177.283,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for VMware vCenter Server Managed Virtual Server for zEnterprise BladeCenter Extension SW Subscription & Support Reinstatement 12 Months | D1VN1LL | 176.956,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for FTI Ringtail eDiscovery Legal Review Server Suite Non Production Install SW Support 12 Months                                                                  | D1E1ULL | 176.956,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Aruba Wi-Fi LAB Install LIC + SW S&S 12 MO                                                                                                             | D0BH6ZX | 176.956,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco ACI LAB Install LIC + SW S&S 12 MO                                                                                                               | D0BHFZX | 176.956,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco SD-WAN LAB Install LIC + SW S&S 12 MO                                                                                                            | D0BHPZX | 176.956,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco Wi-Fi LAB Install LIC + SW S&S 12 MO                                                                                                             | D0BHYZX | 176.956,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Nuage SD-WAN LAB Install LIC + SW S&S 12 MO                                                                                                            | D0BI6ZX | 176.956,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Versa SD-WAN LAB Install LIC + SW S&S 12 MO                                                                                                            | D0BIEZX | 176.956,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne xStats Adapter for Accedian Vision EMS Install LIC + SW S&S 12 MO                                                                                                         | D0BJYZX | 176.956,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for VMware vCenter Server Managed Virtual Server SW Subscription & Support Reinstatement 12 Months                                       | D1VMZLL | 176.952,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 500 Mbps Install Annual SW Subscription & Support Renewal                                                                                                      | E04FBZX | 176.952,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF RTM Server Install License + SW Subscription & Support 12 Months                                                                                                    | D02YMZX | 176.952,07 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Integration Reserved Virtual Processor Core License + SW Subscription & Support 12 Months                                                                          | D25ZYLL | 175.890,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Integration Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                   | D20ZBLL | 175.890,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Ster Sec File Transfer Ctrn Ed Red Hat Openshift Virtual Processor Core Annual SW S&S Rnwl                                                                                       | E06AFZX | 175.731,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                 | D26R0LL | 175.731,71 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Private Cloud Set Up Instance One-Time Set Up                                                                                                                     | D157LLL | 175.350,42 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Premium Medium paygo Per Instance pay per use with Support                                                                                       | D1TUULL | 174.785,63 | Saas                      |

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| Real | 12 |  | PPA | 7831 | IBM Sterling B2B Integrator Add-on for Global High Availability Mailbox for Non-Production Environment Resource Value Unit SW Subscription & Support Reinstatement 12 Months                              | D1JXKLL | 174.511,35 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Sterling File Gateway Add-on for Global High Availability Mailbox for Non-Production Environment Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                | D1JXQLL | 174.511,35 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Transformation Extender Advanced Certified Container Virtual Processor Core Software Subscription & Support Reinstatement 12 Months                                                                   | D08C9ZX | 174.511,35 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar Data Synchronization Application Install LIC + SW S&S 12 MO                                                                                                                           | D28QEEL | 173.295,61 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Content Engine Bulk Import Tool for IBM Content Foundation Non-Production Environment Virtual Server SW Subscription & Support Reinstatement 12 Months                                                | D0ZY3LL | 173.225,33 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Data Mart Pattern Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                                                                    | D0LJHLL | 173.225,33 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet Archive to Image Services Server SW Subscription & Support Reinstatement 12 Months                                                                                                            | D04CFLL | 173.225,33 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet Content Engine Bulk Import Tool Non-Production Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                               | D0N7QLL | 173.225,33 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet High Performance Image Import Non-Prod Server SW Subscription & Support Reinstatement 12 Months                                                                                               | D04FLLL | 173.225,33 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage Address Verification - address reference data for South America for Non-Prod Environments Install Initial Fixed Term License + SW Subscription & Support 12 Months            | D1499LL | 173.225,33 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for South America Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                                              | D05GUZX | 173.225,33 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for South America Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                           | E05GVZX | 173.225,33 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Transactional Database Pattern Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                                                       | D0LJFLL | 173.225,33 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Cognos Command Center Standard Edition for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                                                       | D0ZZJLL | 172.680,81 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Cognos Integration Server Starter Edition Install SW Subscription & Support Reinstatement 12 Months                                                                                                   | D0ZXZLL | 172.680,81 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM DataStage Enterprise Plus Modernization Non-Production Virtual Processor Core from Infosphere QualityStage Non-Production 70 Processor Value Unit Trade Up License + Subscription & Support 12 Months | D03KPZX | 172.680,81 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per WAP extension Group P50 SW SUPPORT 12 MO                                                                                                               | D1UQPLL | 172.159,32 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Rational Asset Manager Enterprise Edition Collaborator Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                                 | D0B1GLL | 172.070,63 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Console 31XX Failover Install SW Subscription & Support Reinstatement 12 Months                                                                              | D0WPMLL | 171.820,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months         | D08HUZX | 170.850,27 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar on Cloud Optimization Service Engagement PER ANNUM                                                                                                                         | D003UZX | 170.843,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Floating User Single Install License + SW Subscription & Support 12 Months                                                  | D08RGZX | 170.560,32 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Container Edition Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                  | E0R5TLL | 170.560,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Referenced Programs via REST APIs Non-Production Environment Resource Value Unit (RVU) Annual SW Subscription & Support Renewal 12 Months | E0PSQLL | 170.560,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak System Software Suite Virtual Processor Core License + SW Subscription & Support 12 Months                                                                              | D26V0LL | 170.345,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Console Software 31XX Install Annual SW Subscription & Support Renewal                                                                                       | E0G22LL | 170.345,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C, C++, Java and Ada Floating User Single Install SW Subscription & Support Reinstatement 12 Months                             | D09ISLL | 170.027,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Automation Decision Services Establishment Annual SW S&S Rnwl                                                                                                                     | E0DLAZX | 169.494,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Experience Pack for Salesforce Install License + SW Subscription & Support 12 Months                                                                                              | D0EZHZX | 169.494,32 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Adaptor Toolkit Enterprise Edition Server Initial Fixed Term License + SW Subscription & Support 12 Months                                                   | D0BIMLL | 169.494,32 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Adaptor Toolkit Enterprise Edition Server Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                | E081JLL | 169.494,32 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data for Non-Production Environment Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                           | E0R7ALL | 168.961,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Professional Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                       | D0EN6LL | 168.961,32 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PureData System for Analytics Additional 12.5% Capacity N3001-010 for Appliance Install Monthly License                                                                           | D11D0LL | 168.841,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Test Pack Virtual Testers 100000 Floating User Monthly License                                                                                               | D1BFGLL | 168.679,14 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One 21XX Failover Install SW Subscription & Support Reinstatement 12 Months                                                                           | D0WPDLL | 167.997,34 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Private Cloud Viewer 500 Authorized Users per Annum                                                                                                                | D157JLL | 167.888,76 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Viewer 1000 Authorized Users per Annum                                                                                                                             | D0TEBLL | 167.888,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Information Server Cartridge for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                 | E034QZX | 167.189,19 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Guided Compass for Watson Supply Chain-Professional-Engagement per Month                                                                                                          | D00MPZX | 166.645,08 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Robotic Process Automation Platform Install License + SW Subscription and Support 12 Months                                                                        | D29B3LL | 166.579,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR per User Value Unit (Authorized User) SW Subscription & Support Reinstatement 12 Months                                                       | D22MWLL | 166.308,92 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Governance Express Install Subscription License                                                                                                               | D0D3DZX | 166.170,90 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Governance Express Reserved Install Subscription License                                                                                                      | D0D3XZX | 166.170,90 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management Cloud Managed Disaster Recovery Large per Instance Monthly Subscription with Support                                                        | D21X4LL | 166.170,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Dev Test Medium Instance per Month                                                                                         | D01IWZX | 166.170,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MDM on Cloud Managed Add-On Premium Performance Management Service Instance per Month                                                                              | D01VRZX | 166.170,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 5Gbps Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                    | D1VYXLL | 165.968,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Automatic Test Generation Add On Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months              | D09ARLL | 165.968,83 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Automatic Test Generation Add On Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months           | E071PLL | 165.968,83 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services COLD Non-Prod Install SW Subscription & Support Reinstatement 12 Months                                                                     | D04CQLL | 165.968,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months | D26QHLL | 165.968,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One 31XX Install Annual SW Subscription & Support Renewal                                                                              | E0F4PLL | 165.464,71 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas Data Import One-time Setup per Instance                                                                                 | D1VGJLL | 164.779,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Promontory Obligations Library Item per Month                                                                                                                      | D00KQZX | 164.779,65 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for HPC Install SW Subscription & Support Reinstatement 12 Months                                                                               | D1VN8LL | 164.748,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Enterprise Install Annual SW Subscription & Support Renewal 12 Months                                                                       | E0NZTLL | 164.748,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Production Source Connection per 5 Connections License + SW Subscription & Support 12 Months                                             | D0ZYXLL | 164.138,30 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Server 1Gbps Install Monthly License                                                                                                    | D1W4DLL | 163.662,66 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Asia Pacific Install Initial Fixed Term License + SW Subscription & Support 12 Months             | D05DRZX | 163.098,31 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Asia Pacific Install Subsequent Fixed Term License + SW Subscription & Support 12 Months          | E05DSZX | 163.098,31 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator AddOn for File Gateway Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months | D26QMLL | 163.098,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Sterling File Gateway Standard Install SW Subscription & Support Reinstatement 12 Months                                                | D1FPJLL | 163.098,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Server Agent per Virtual Server Annual SW Subscription & Support Renewal                                                                                   | E0J1LLL | 163.098,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                   | D03QNZX | 162.565,31 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage as a Service Large Bundle Instance Pay per Use                                                                                                                    | D09GHZX | 162.120,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Regulatory Compliance Management Jump Start Engagement Remotely Delivered Service                                                                                 | D022AZX | 161.670,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months | D08H9ZX | 161.087,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Enterprise Edition Accelerator for Oracle Applications Terabyte Annual SW Subscription & Support Renewal                                      | E0DU0LL | 160.966,30 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise as a service Advanced Million API Calls Advanced Support per Annum                                                                                   | E0FXGZX | 160.592,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Modernization Virtual Processor Core from Infosphere DataStage 70 PVUs Trade Up License + Subscription and Support 12 Months                           | D03MVZX | 159.867,04 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Fabrication Authorized User Single Session SW Subscription & Support Reinstatement 12 Months                                                     | D1V8SLL | 159.867,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Viewer Terabyte LIC + SW S&S 12 MO                                                                                                                 | D0D32ZX | 159.367,30 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 100Mbps Install SW Subscription & Support Reinstatement 12 Months                                                                         | D1VWVLL | 159.256,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 1Gbps Install Annual SW Subscription & Support Renewal 12 Months                                                                          | E0P1JLL | 159.256,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server Clustered 10Gbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                   | D1Y9ILL | 159.256,86 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Premium Feature Pack for i non-production per Install SW Subscription & Support Reinstatement 12 Months                                            | D0927ZX | 159.256,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Premium Feature Pack non-production per Install SW Subscription & Support Reinstatement 12 Months                                                  | D092AZX | 159.256,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Automatic Test Generation Add On Floating User Single Install Annual SW Subscription & Support Renewal                                  | E0780LL | 159.256,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Customer Care Workshop - Saas Engagement Pay per Use                                                                                                       | D00WYZX | 159.080,25 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PureData System for Analytics Additional 12.5% Capacity N3001-010 for The Now Factory for Appliance Install Monthly License                                                 | D1IEDLL | 158.763,94 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Concurrent User Trade Up from Professional Concurrent User License + SW Subscription & Support 12 Months                                            | D0G9DLL | 158.646,68 | Upgrade com Manutenção    |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Build Forge Enterprise Plus Edition Server Server Monthly License                                                                                 | D1BJ5LL | 158.646,18 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One Software 21XX Install Annual SW Subscription & Support Renewal                                                             | E0G1YLL | 158.547,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One Software 21XX LT Failover Install SW Subscription & Support Reinstatement 12 Months                                        | D10ULLL | 158.547,05 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Banking Business Vocabulary, Small Instance per Annum                                                                                                | D1QVRLL | 158.188,44 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Corporate Payment Services Virtual Server Subscription License                                                           | D276QLL | 158.019,12 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Simulator Virtual Server SW Subscription and Support Renewal 12 Months                                                                        | E0R13LL | 157.768,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 300 Mbps Install Annual SW Subscription & Support Renewal                                                                                | E04E9ZX | 157.426,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera faspio Gateway Install Annual SW Subscription & Support Renewal                                                                                     | E0QKRLL | 157.426,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Connector for eMail and Electronic Documents Connection from Competitor (Kofax) Trade Up License + SW Subscription & Support 12 Months             | D0NP0LL | 157.426,32 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Developer Edition Floating User Single Session License + SW Subscription & Support 12 Months                                  | D29K7LL | 157.426,32 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Workgroup Edition Accelerator Oracle Applications Terabyte Annual SW Subscription & Support Renewal                               | E0F1ELL | 157.426,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 250 Floating Users Initial Fixed Term License + SW Subscription & Support 12 Months                         | D0BGRLL | 157.426,32 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 250 Floating Users Subsequent Fixed Term License + SW Subscription & Support 12 Months                      | E07ZNLL | 157.426,32 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data 100 Thousand Documents License + SW Subscription and Support 12 Months                    | D28X0LL | 157.426,32 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Fusion Advanced Bare Metal Managed Server Subscription License Upgrade                                                                             | D0DU2ZX | 157.392,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Insights-Enterprise-AddOn-Resource-Non-Production Enviro Instance per Month                                                            | D00N1ZX | 157.317,93 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Explorer Modernization Resource Value Unit Subscription License                                                                                     | D28SLLL | 157.210,97 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption OVA with Live Data Transformation per Resource Value Unit License + SW Subscription & Support 12 Months | D1V83LL | 156.564,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity 10K Flows Per Minute License + SW Subscription & Support 12 Months                                                          | D1RQALL | 156.178,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core SW Subscription & Support Reinstatement 12 Months     | D03K2ZX | 156.169,29 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                               | D26QULL | 156.169,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Integrated Workplace Manager Concurrent User from TRIRIGA Facilities Manager Concurrent User Trade Up License + SW Subscription & Support 12 Months                                          | D115TLL | 156.169,29 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Integrated Workplace Manager Concurrent User from TRIRIGA Real Estate Manager Concurrent User Trade Up License + SW Subscription & Support 12 Months                                         | D115SLL | 156.169,29 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Integrated Workplace Manager Concurrent User from TRIRIGA Work Operations Manager Concurrent User Trade Up License + SW Subscription & & Support 12                                          | D115ULL | 156.169,29 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Unrestricted Add-on Install Subscription License                                                                                                                      | D0D62ZX | 156.137,94 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise for Manufacturing Install License + SW Subscription & Support 12                                                                                                              | D0AU1ZX | 155.636,29 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition Modernization Virtual Processor Core from Db2 Advanced Edition VPC Option Virtual Processor Core Trade Up License + Subscription & Support 12 Months                            | D03PSZX | 155.595,79 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition Modernization Virtual Processor Core from IBM Db2 Advanced Enterprise Server Edition 70 Processor Value Unit Trade Up License + Subscription & Support 12 Months                | D03PRZX | 155.595,79 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition Modernization Virtual Processor Core from IBM Hybrid Data Management Platform On-Premises 60 1000 FlexPoint Trade Up License + Subscription & Support 12 Months                 | D03PPZX | 155.595,79 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition Modernization Virtual Processor Core from IBM Hybrid Data Management Platform On-premises VPC Option Virtual Processor Core Trade Up License + Subscription & Support 12 Months | D03PNZX | 155.595,79 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Essentials Edition-Hundred Thousand Order Lines One Time Set Up                                                                                                            | D1YAVLL | 155.452,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Inventory Visibility Instance One Time Set Up                                                                                                                              | D1YAXLL | 155.452,50 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Instabug Single Tenant Sessions per Annum                                                                                                                                                                | D0CRTZX | 155.452,50 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM AI Governance Non-Production Install Subscription License                                                                                                                                            | D0CP6ZX | 154.883,82 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Essential Management for IBM Cloud Pak for Data - Fully Managed Add Node Instance per Annum                                                                                              | D0A04ZX | 154.652,40 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise 20 Gbps Install Monthly License                                                                                                                                                    | D04E5ZX | 154.256,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Enterprise Edition Connector Relational Databases Authorized Connector License + SW Subscription & Support 12 Months                                                                 | D54TSLL | 154.037,29 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Non-RDBMS Targets for Non-Prod Environments Per Install SW Subscription & Support Reinstatement 12 Months                                                                | D1RGFLL | 154.037,29 | Manutenção após Vigência  |



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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Professional Floating User Single Install from Rational Performance Tester Floating User Single Install Trade Up License + SW Subscription & Support                                                                 | D02KQZX | 154.037,29 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Application Dependency Discovery Manager Install Annual SW Subscription & Support Renewal                                                                                                                                                     | E02ENLL | 154.037,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise Install Annual SW Subscription & Support Renewal                                                                                                                                                 | E0I90LL | 154.037,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Capacity Increase of 2.5K EPS Failover Install SW Subscription & Support Reinstatement 12 Months                                                                                                                   | D0WU1LL | 153.645,81 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Suite for Enterprise Plus Install Monthly License                                                                                                                                                                                       | D05BEZX | 153.621,67 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data Install Monthly License                                                                                                                                                             | D28XILL | 153.621,67 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Floating User Single Install from Rational Performance Tester Floating User Single Instal Trade Up License + SW Subscription & Support 12 Months                                                                             | D0PRTLL | 153.504,29 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Discover Capacity per Petabyte ANNUAL SW S&S RNWL                                                                                                                                                                                           | E0QYCLL | 153.504,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Mgmt SW Delivery and Service Scheduling Add-on for Red Hat OpenShift RVU Trade Up License from IBM Sterling Order Mgmt Delivery and Service Scheduling Add-on Resource Value Unit License + Software Subscription & Support 12 Months | D0BQMZX | 153.504,29 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Add-on MDM Server Medium Instance per Month                                                                                                                                                                  | D01W1ZX | 153.002,64 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Workgroup Edition Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                                                                           | D0TL0LL | 152.971,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Workgroup Edition Terabyte From ISO Data Privacy Workgroup Edition Terabyte Trade Up License + SW Subscription & Support 12 Months                                                                             | D0YFCLL | 152.971,29 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Professional Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                                                                                    | D1Q6CLL | 152.438,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for IBM Storage Scale System per Install SW Subscription & Support Reinstatement 12 Months                                                                                                                   | D0DGQZX | 152.438,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Container Edition with RHOS Virtual Processor Core Trade Up                                                                                                                                               | D09ZLZX | 152.438,29 | Upgrade com Manutenção   |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data for Voice Interaction Reserved 50 Concurrent Connections Subscription License                                                                                                                  | D09N2ZX | 152.375,58 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data Install Subscription License                                                                                                                                                                   | D26AWLL | 152.185,96 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM CPD for Voice Interaction Bundle 50 Concurrent Connections                                                                                                                                                        | D268VLL | 152.185,96 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM Cloud Pak for Data 50 Concurrent Connections Subscription License                                                                                                                           | D268ULL | 152.185,96 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                      | D08HJZX | 151.934,71 | Manutenção após Vigência |

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| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Forms Processing Module Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                     | D610RLL | 151.905,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Information Server Modernization Non-Production Virtual Processor Core from Information Server for Data Quality and Governance Non-Production 70 Processor Value Unit Trade Up License + Subscription & Support 12 Months  | D036IZX | 151.324,53 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Information Server Modernization Non-Production Virtual Processor Core from InfoSphere Information Server Enterprise Edition Non-Production 70 Processor Value Unit Trade Up License + SW Subscription & Support 12 Months | D036HZX | 151.324,53 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition CPU Option Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                                            | D229RLL | 151.324,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Concurrent User License + SW Subscription & Support 12 Months                                                                                                                                     | D1SD0LL | 151.324,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Concurrent User License + SW Subscription & Support 12 Months                                                                                                                                       | D1Q7DLL | 151.324,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Concurrent User License + SW Subscription & Support 12 Months                                                                                                                                    | D1R6TLL | 151.324,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Concurrent User License + SW Subscription & Support 12 Months                                                                                                                                         | D1QAHL  | 151.324,53 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations Center for Emergency Management Premium User on Cloud Concurrent User Overage                                                                                                                       | D1JEPLL | 151.121,46 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Netezza Platform Development Software Non-Production Install Annual SW Subscription & Support Renewal                                                                                                                      | E0JJXLL | 151.113,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Raw Petabyte Storage Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                     | D20JCLL | 150.714,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 10Gbps Resource Value Unit from Point-to-Point Client 5 Gbps Install Trade Up License + SW Subscription & Support 12 Months                                                            | D1YDRLL | 150.714,35 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Supply Collaboration Add-on for Red Hat OpenShift Resource Value Unit Annual Software Subscription & Support Renewal                                                                    | E0QNWLL | 150.714,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management RDM Hub for Non-Financial Service Non- Production Install Annual SW Subscription & Support Renewal                                                                                       | E0JZQLL | 150.104,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Quick Report Standard Edition Server License + SW Subscription & Support 12 Months                                                                                                                    | D60U0LL | 150.104,17 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 5Gbps Resource Value Unit from Point-to-Point Client 2.5 Gbps Install Trade Up License + SW Subscription & Support 12 Months                                                           | D1YDQLL | 149.493,99 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Account Lifecycle Manager Engines On-Premises Install LIC + SW S&S 12 MO                                                                                                                         | D06SQZX | 149.314,52 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Capacity Increase 50K to 100K FPM Failover Install SW Subscription & Support Reinstatement 12 Months                                                                                             | D0WUJLL | 148.960,48 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Non-Production Environment Silver per Instance per Month                                                                                                                                                           | D1NQALL | 148.612,59 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Capacity Increase from 500 to 1K EPS Install SW Subscription & Support Reinstatement 12 Months                                             | D0WU3LL | 148.223,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SVC for XIV SoftWare 2TB drives Storage Device SW Subscription & Support Reinstatement 12 Months                                                                             | D0JX0LL | 147.663,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Starter Edition Install SW Subscription & Support Reinstatement 12 Months                                                                              | D0ZZFLL | 147.641,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Composer Add On Floating User Single Install from Authorized User Trade Up License + SW Subscription & Support 12 Months | D09QQLL | 147.641,28 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer Single User Edition Client Device License + SW Subscription & Support 12 Months                                                                         | D0TLFLL | 147.641,28 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for North America Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months             | D05CHZX | 147.641,28 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for North America Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months          | E05CIZX | 147.641,28 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Accelerate Terabyte SW S&S REINSTATE 12 MO                                                                                 | D08TEZX | 147.641,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for JD Edwards EnterpriseONE Application instance SW Subscription & Support Reinstatement 12 Months                                                        | D59LWLL | 147.641,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Oracle E-Business Application instance SW Subscription & Support Reinstatement 12 Months                                                               | D59LJLL | 147.641,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for PeopleSoft Enterprise Application instance SW Subscription & Support Reinstatement 12 Months                                                           | D5560LL | 147.641,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for SAP Software Application instance SW Subscription & Support Reinstatement 12 Months                                                                    | D555YLL | 147.641,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Siebel Business Applications Application instance SW Subscription & Support Reinstatement 12 Months                                                    | D5567LL | 147.641,28 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Report Application Output Definition Add-On 2.0 per Request On-Demand Setup                                                                         | D1H8NLL | 147.368,97 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM COBOL for AIX Concurrent User License + SW Subscription & Support 12 Months                                                                                                  | D06Q7LL | 147.053,27 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management RDM Hub for Financial Service Production Install Monthly License                                                                           | D1GQ7LL | 146.732,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Modernization for IBM Cloud Pak for Data Virtual Processor Core SW S&S REINSTATE 12 MO                                                                        | D05T3ZX | 146.443,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                     | D26QBLL | 146.443,09 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Silver 2.0 per Instance per Month                                                                                                                   | D1M2ULL | 146.125,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AI Decision Coordination for Machine Learning Production Install Monthly License                                                                                             | D0GVWZX | 146.104,98 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management Cloud Managed Disaster Recovery Medium per Instance Monthly Subscription with Support                                                                                       | D21X3LL | 146.104,98 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Content Management System Monitor Managed Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                              | D0H5ELL | 145.509,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Address Verification Interface Install SW Subscription & Support Reinstatement 12 Months                                                                                   | D0T6KLL | 145.509,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Virtualize Virtual Processor Core LIC + SW S&S 12 MO                                                                                             | D08TSZX | 145.509,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Advanced Non-Prod Certified Container Virtual Processor Core License + Software Subscription & Support 12 Months                                                           | D08CBZX | 145.222,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Floating User Single Install from Rational Rose Enterprise Floating User Trade Up License + SW Subscription & Support 12 Months              | D0C9ULL | 144.976,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Floating User Single Install from Rational Rose Enterprise Floating User Trade Up License + SW Subscription & Support 12 Months | D0C9XLL | 144.976,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Databases Resource Value Unit (MVS) License + SW Subscription & Support 12 Months                                                                            | D1NE3LL | 144.976,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM STERLING B2B INTEGRATOR FINANCIAL ENTERPRISE CONTAINER EDITION WITH RED HAT OPENSIFT VIRTUAL PROCESSOR CORE TRADE UP                                                                               | D09ZEZX | 144.976,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Strategic Facility Planning Install SW Subscription & Support Reinstatement 12 Months                                                                                                      | D0N6RLL | 144.976,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Facilities Install SW Subscription & Support Reinstatement 12 Months                                                                                      | D0N6TLL | 144.976,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Operations Install SW Subscription & Support Reinstatement 12 Months                                                                                      | D0N6XLL | 144.976,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Projects Install SW Subscription & Support Reinstatement 12 Months                                                                                        | D0N73LL | 144.976,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Real Estate Install SW Subscription & Support Reinstatement 12 Months                                                                                     | D0N6MLL | 144.976,27 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas Test per Instance Per Month Subscription                                                                                                                | D1VGMML | 144.881,73 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Speech Services Cartridge for IBM CPD for NP Environment Reserved 32 Virtual Processor Cores Subscription License                                                                           | D09N7ZX | 144.850,86 | Assinatura                |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Partner Technical Account Manager Services Engagement per Annum                                                                                                                           | D04SIZX | 144.677,53 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Technical Account Manager Services Engagement per Annum                                                                                                                                      | D04SGZX | 144.677,53 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Mart Pattern for Non Production Environment Virtual Server License + SW Subscription & Support 12 Months                                                                                      | D0LJKLL | 143.910,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Mid-Range Image Import Server License + SW Subscription & Support 12 Months                                                                                                                | D04FZLL | 143.910,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 100 Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                                           | D59SWLL | 143.910,27 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Transactional Database Pattern for Non Production Environment Virtual Server License + SW Subscription & Support 12 Months                                        | D0LJILL  | 143.910,27 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Enterprise Bare Metal Large Instance Pay per Use                                                                                                     | D0ENGZX  | 143.881,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Governance Express Unrestricted Add-on Install Monthly License                                                                                               | D0D3ZZX  | 143.596,74 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Isolated Tenant Module Additional Tenant for IBM DataPower Gateway X2 Application instance Annual SW Subscription & Support Renewal 12 Months                         | E0P68LL  | 143.515,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Starter Edition for Non-Production Environment Install License + SW Subscription & Support 12 Months                                    | D0ZYSL   | 143.377,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Aptio Targetprocess Standard Onboarding Engagement Remotely Del Svc                                                                             | D0GV6ZX  | 143.016,30 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Planner Edition Authorized User SW Subscription & Support Renewal                                                                    | E06X5LL  | 142.782,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Virtual Data Pipeline Terabyte License + SW Subscription & Support 12 Months                                                                           | D2257LL  | 142.782,01 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Expert Essentials Enhanced Engagement per Annum                                                                                                          | D02M0ZX  | 142.369,62 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for CrawfordTech Riptide Server Server SW Support 12 Months                                                                                         | D1BV0LL  | 142.311,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months | D08GZZX  | 142.171,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Expert Labs Advise Services Direct Engagement Pay per Use                                                                                                   | D07IUZX  | 141.855,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo APM for E&U On-Premises Visual Insights - Non Production Addressable Device Annual SW Subscription & Support Renewal                                       | E0PTCLL  | 141.778,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Processor 16XX Failover Install SW Subscription & Support Reinstatement 12 Months                                               | D0WQULL  | 141.586,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Recovery Feature Virtual Processor Core License + SW Subscription & Support 12 Months                                                                | D1MTRLL  | 141.561,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages SDI Connector for UCF Common Controls Hub per Application License + SW Subscription & Support 12 Months                                                 | D1TDDL   | 141.561,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Supply Collaboration Add-on Resource Value Unit Annual Software Subscription & Support Renewal                                          | E0DIYLL  | 141.561,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Events for Salesforce Install License + SW Subscription & Support 12 Months                                                                                       | D0EZDZX  | 141.245,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Ideas for Salesforce Install License + SW Subscription & Support 12 Months                                                                                        | D0EZLZX  | 141.245,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Job Board for Salesforce Install License + SW Subscription & Support 12 Months                                                                                    | D0EQZQZX | 141.245,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Learning Adventure for Salesforce Install License + SW Subscription & Support 12 Months                                                                           | D0EZYZX  | 141.245,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Member Onboarding for Salesforce Install License + SW Subscription & Support 12 Months                                                                            | D0F06ZX  | 141.245,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM News for Salesforce Install License + SW Subscription & Support 12 Months                                                                                         | D0F0AZX  | 141.245,27 | Permanente com Manutenção |

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| Real | 12 |                             | PPA  | 7831 | IBM Product Catalog for Salesforce B2B Commerce Install License + SW Subscription & Support 12 Months                                                      | D0F0IZX | 141.245,27 | Permanente com Manutenção |
| Real | 12 |                             | PPA  | 7831 | IBM Product Catalog for Salesforce Install License + SW Subscription & Support 12 Months                                                                   | D0F0EZX | 141.245,27 | Permanente com Manutenção |
| Real | 12 |                             | PPA  | 7831 | IBM Reviews and Ratings for Salesforce Install License + SW Subscription & Support 12 Months                                                               | D0F0MZX | 141.245,27 | Permanente com Manutenção |
| Real | 12 |                             | PPA  | 7831 | IBM View for Salesforce Install License + SW Subscription & Support 12 Months                                                                              | D0F0ZZX | 141.245,27 | Permanente com Manutenção |
| Real | 12 |                             | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 100Mbps from Aspera High-Speed Transfer Server 45Mbps Install Trade Up License + SW Subscription & Support 12 Months | D1VWWLL | 140.712,26 | Upgrade com Manutenção    |
| Real | 1  | Contratação Mínima 12 meses | SaaS | 7831 | IBM Exp Labs - IBM Cloud Pak for Business Auto One Week Soln Arch - SaaS Engagement Remotely Delivered Service                                             | D011TZX | 139.907,25 | SaaS Human Services       |
| Real | 1  | Contratação Mínima 12 meses | SaaS | 7831 | IBM Exp Labs - IBM Cloud Pak for Integration One Week Soln Arch - SaaS Engagement Remotely Delivered Service                                               | D011XZX | 139.907,25 | SaaS Human Services       |
| Real | 1  | Contratação Mínima 12 meses | SaaS | 7831 | IBM Exp Labs - IBM WebSphere Hybrid Edition One Week Soln Arch - SaaS Engagement Remotely Delivered Service                                                | D0121ZX | 139.907,25 | SaaS Human Services       |
| Real | 12 |                             | PPA  | 7831 | IBM Aspera Endpoint 2.5 Gbps Install SW Subscription & Support Reinstate 12 Months                                                                         | D04G3ZX | 139.646,26 | Manutenção após Vigência  |
| Real | 12 |                             | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services - Real Time Scoring Resource Value Unit Initial Fixed Term License + SW Subscription & Support 12 Months    | D12FXLL | 139.646,26 | Temporária com Manutenção |
| Real | 12 |                             | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services - Real Time Scoring Resource Value Unit Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0IV5LL | 139.646,26 | Temporária com Manutenção |
| Real | 12 |                             | PPA  | 7831 | IBM Security QRadar Flows Capacity 50K Flows Per Minute Annual SW Subscription & Support Renewal 12 Months                                                 | E0NC1LL | 139.294,27 | Manutenção após Vigência  |
| Real | 12 |                             | PPA  | 7831 | IBM Security QRadar Flows Capacity 50K Flows Per Minute Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months   | D1S26LL | 139.294,27 | Upgrade com Manutenção    |
| Real | 12 |                             | PPA  | 7831 | IBM Security QRadar SOAR Team Management Add-On per User Value Unit (Authorized User) License + SW Subscription & Support 12 Months                        | D22P4LL | 139.294,27 | Permanente com Manutenção |
| Real | 12 |                             | PPA  | 7831 | IBM SPSS Statistics Professional Concurrent User from Standard Concurrent User Trade Up License + SW Subscription & Support 12 Months                      | D0ER0LL | 139.120,94 | Upgrade com Manutenção    |
| Real | 12 |                             | PPA  | 7831 | IBM FileNet Image Services Toolkit Client Device License + SW Subscription & Support 12 Months                                                             | D04JKLL | 139.113,26 | Permanente com Manutenção |
| Real | 12 |                             | PPA  | 7831 | IBM Maximo Asset Management Internal Service Providers Install License + SW Subscription & Support 12 Months                                               | D04Y2LL | 139.113,26 | Permanente com Manutenção |
| Real | 12 |                             | PPA  | 7831 | IBM UrbanCode Deploy Agent for z/OS Workloads Per Managed Virtual Server Annual SW Subscription & Support Renewal                                          | E0JRPLL | 139.113,26 | Manutenção após Vigência  |
| Real | 12 |                             | PPA  | 7831 | IBM Financial Crimes Insight for Claims Fraud Software - Property and Casualty Resource Value Unit Annual SW Subscription & Support Renewal 12 Months      | E0RD8LL | 138.580,26 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 1 Gbps Install License + SW Subscription & Support 12 Months                                                                                                | D04FIZX | 138.510,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Spatial Asset Management Install SW Subscription & Support Reinstatement 12 Months                                                                                   | D0H1ALL | 138.510,76 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ELT Pushdown Express Install Monthly License                                                                                                                                | D0D4GZX | 137.953,20 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM ELT Pushdown Express Reserved Install Subscription License                                                                                                                  | D0D51ZX | 137.953,20 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Network Management for Smart meters Managed Client Device 250,000 Monthly License                                                                | D1JE7LL | 137.953,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Operations Management for Smart meters Managed Client Device 250,000 Monthly License                                                             | D1JCSLL | 137.953,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Safer Payments Resource Value Unit Monthly License                                                                                                                          | D1MWILL | 137.953,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Safer Payments Resource Value Unit Monthly License                                                                                                                          | D20ILLL | 137.953,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Concurrent User License + SW Subscription & Support 12 Months                                                                                      | D1R7BLL | 137.900,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 Application Optimization Module Application instance SW Subscription & Support Reinstatement 12 Months                                                 | D1WLXLL | 137.605,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity 1K Events Per Second Annual SW Subscription & Support Renewal 12 Months                                                                      | E0NBGLL | 137.605,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity 1K Events Per Second Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months                        | D1S1SLL | 137.605,85 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Analytics - Platform Data Replication Targets for z/OS Sources Install Annual SW Subscription & Support Renewal 12 Months                                                   | E0N9QLL | 137.290,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Big Replicate for Hive Install Annual SW Subscription & Support Renewal 12 Months                                                                                           | E0PCTLL | 137.290,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Floating User Single Install from Authorized User Trade Up License + SW Subscription & Support 12 Months              | D09QMLL | 137.290,40 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Floating User Single Install from Authorized User Trade Up License + SW Subscription & Support 12 Months | D09QWLL | 137.290,40 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Infosphere QualityStage AVI Reference Data - for U.S. Address Certification Install Initial Fixed Term License + SW Subscription & Support 12 Months                        | D05HMZX | 137.290,40 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Infosphere QualityStage AVI Reference Data - for U.S. Address Certification Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                     | E05HNZX | 137.290,40 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core Trade Up                                                                   | D09ZJZX | 136.981,26 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One Software 31XX Install Annual SW Subscription & Support Renewal                                                                       | E0GZZLL | 136.761,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 100 Remote/Branch Configuration Source Install SW Subscription & Support Reinstatement 12 Months                                         | D0WWGLL | 136.761,65 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | QR VUL AND RISK MGR LNX IBMZ INS LIC + SW S&S 12 MO                                                                                                                         | D28QZLL | 136.761,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | QR VUL AND RISK MGR PER INS LIC + SW S&S 12 MO                                                                                                                              | D28QILL | 136.761,65 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations Center for Emergency Management Premium User on Cloud Concurrent User per Month                                                                  | D1JENLL | 136.699,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 100Mbps Install from Enterprise Server & Connect for Web Access 45Mbps Install Trade Up License + SW Subscription & Support 12 Months | D1Y8MLL | 136.680,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Essential Management for IBM Cloud Pak for Data - Fully Managed Add Node Node per Annum                                                                     | D09SZZX | 136.231,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Business Automation Reserved Virtual Processor Core License + SW Subscription & Support 12 Months                                                         | D260FLL | 135.382,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Business Automation Virtual Processor Core License + SW Subscription & Support 12 Months                                                                  | D20RULL | 135.382,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition Terabyte Annual SW Subscription & Support Renewal                                                              | E0DTTLL | 135.382,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test RealTime Floating User License + SW Subscription & Support 12 Months                                                                                      | D52ZBLL | 135.382,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Deployment Manager Concurrent User License + SW Subscription & Support 12 Months                                             | D0EJ3LL | 135.382,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Sterling File Gateway Standard for Non-Production Environment Install License + SW Subscription & Support 12 Months                 | D1FPMLL | 135.382,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 100 Mbps Install SW Subscription & Support Reinstatement 12 Months                                                                 | D1BZ9LL | 134.849,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 300 Mbps Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                      | D1BZULL | 134.849,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Collaborator Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                    | D0BK9LL | 134.849,25 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Collaborator Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                 | E0836LL | 134.849,25 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Standard Edition for Non-Production Environment Install Annual SW Subscription & Support Renewal                                        | E0BX0LL | 134.849,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Integrated Workplace Manager Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                  | D115RLL | 134.849,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Small and Medium Enterprise Edition for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                          | D0C2VLL | 134.239,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X3 Application Optimization Module Application instance SW Subscription & Support Reinstatement 12 Months                                             | D09W0ZX | 134.211,92 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Digital Payments Virtual Server Monthly License                                                                                       | D1CZFLL | 134.190,84 | Saas                      |



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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configure Price Quote for eCommerce for Red Hat OpenShift Resource Value Unit Annual SW Subscription & Support Renewal                                         | EOQYGLL | 133.720,67 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Integration for Hadoop for Non-Production Environments Per 5 Virtual Servers Monthly License                                                                       | D1RCLLL | 133.689,15 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Master Data Management Modernization Reserved Virtual Processor Core SW S&S Reinstate 12 Mo                                                                             | D0996ZX | 133.629,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstate                                                          | D05SHZX | 133.629,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 100 Standard Configuration Source Install Annual SW Subscription & Support Renewal                                                   | E0G3SLL | 133.384,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 5Gbps from Aspera High-Speed Transfer Endpoint 2.5Gbps Resource Value Unit Trade Up License + SW Subscription & Support 12 Months   | D21XZLL | 132.717,25 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server Clustered 5Gbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                | D1Y9FLL | 132.717,25 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Big Replicate for Backup per Install Annual SW Subscription & Support Renewal 12 Months                                                                                 | E0PRILL | 132.717,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C, C++, Java and Ada Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D097ULL | 132.717,25 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C, C++, Java and Ada Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E06YSLL | 132.717,25 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer Cluster Edition per Establishment Annual SW Subscription & Support Renewal                                                                         | E0N6ZLL | 132.717,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Fabrication Establishment Annual SW Subscription & Support Renewal                                                                           | E0NWALL | 132.717,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise Virtual Processor Core License + SW Subscriptn and Support 12 Months                                                            | D27V2LL | 132.184,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                       | D035QZX | 132.184,25 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Additional Applications for Retail Application per Annum                                                                            | D1NTBLL | 132.072,48 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Additional Applications for Retail Application per Annum                                                                                               | D1NTDLL | 132.072,48 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Isolated Tenant Module Additional Tenant for IBM DataPower Gateway X3 Application instance Annual SW Subscription & Support Renewal                                     | E09WTZX | 131.999,63 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Controller Jump Start on Cloud per Engagement Remotely Delivered Service                                                                                         | D1CAELL | 131.823,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Application Gateway Hosted Instance per Month                                                                                                           | D01UQZX | 131.823,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Large Redeployment Engagement Set Up                                                                                                                   | D1NT6LL | 131.823,72 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Dashboards Floating User Single Session SW Subscription & Support Reinstatement 12 Months                                                                                | D29KDLL | 131.651,25 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Test Pack Virtual Testers 50000 Floating User Monthly License                                                                                                                    | D1BFLL  | 131.368,07 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Standard Edition Install Annual SW Subscription & Support Renewal                                                                                                           | E0HRLLL | 131.118,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM PL/I for AIX Concurrent User License + SW Subscription & Support                                                                                                                                      | D0JX1LL | 131.118,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM SVC Real Time Compression Virtual Processor Core LIC + SW S&S 12 MO                                                                                          | D08U9ZX | 131.118,25 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Global Name Management Resource Value Unit Monthly License                                                                                                                                 | D19ELLL | 130.650,21 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | Humio Log Management for IBM Cloud Paks for 1 per Install Subscription License                                                                                                                            | D28HBLL | 130.635,41 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per WAP extension Group P40 SW SUPPORT 12 MO                                                                                                               | D1UQNLL | 130.585,25 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Hybrid Cloud DNS Enterprise Request per Month                                                                                                                                                         | D0GYUZX | 130.580,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Labor-Document Conversion Service-Instance One Time Set Up                                                                                                        | D00AZZX | 130.580,10 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Plus Modernization Non-Production Virtual Processor Core from Infosphere DataStage Non-Production 70 Processor Value Unit Trade Up License + SW Subscription & Support 12 Months | D03KQZX | 130.578,42 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Professional Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                        | D0EJRL  | 130.578,42 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                       | D26S4LL | 130.578,42 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2Bi and SFG Enterprise for Red Hat OpenShift Virtual Processor Core (VPC) License + SW Subscription & Support 12 Months                                          | D27JALL | 129.968,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Application Encryption per Resource Value Unit License + SW Subscription & Support 12 Months                                                                                    | D1V8BLL | 129.709,81 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption Resource Value Unit License + SW Subscription & Support 12 Months                                                                                  | D1Q2ELL | 129.709,81 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Tokenization per Resource Value Unit License + SW Subscription & Support 12 Months                                                                                              | D1V89LL | 129.709,81 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 10 Gbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                                                         | D04FMZX | 129.358,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 2.5 Gbps Install from Aspera Endpoint 1 Gbps Install Trade Up License + SW Subscription & Support 12 Months                                                                           | D04FZZX | 129.358,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Applications Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                       | D24XJLL | 129.358,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Option for IDS Workgroup Edition Limited Use Socket License + SW Subscription & Support 12 Months                                                                       | D0BNHLL | 129.358,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Option for IDS Workgroup Edition Limited Use Socket License + SW Subscription & Support 12 Months                                                                            | D0BNFLL | 129.358,06 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Authorized User License + SW Subscription & Support 12 Months                                                                                                                       | D0EJNLL | 129.358,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Console Software 31XX Install Annual SW Subscription & Support Renewal                                                                                                          | E0GZWLL | 129.049,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core Trade Up                                                                                                 | D09ZFZX | 128.986,24 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure Proxy for Red Hat OpenShift Virtual Processor Core License + Software Subscription & Support 12 Months                                                                                      | D27F7LL | 128.747,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Hybrid Edition Virtual Processor Core License + SW Subscriptn and Support 12 Months                                                                                                               | D299MLL | 128.747,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event Capacity Increase from 1K to 2.5K EPS Install Annual SW Subscription & Support Renewal                                                                                           | E0G2VLL | 128.312,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Floating User Single Install from Rational Rose Technical Developer Floating User Trade Up License + SW Subscription & Support 12 Months | D0C9YLL | 128.137,70 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Composer Add On Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                          | D09GULL | 128.137,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Virtual Data Pipeline and Optim Data Privacy Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                          | D279ALL | 128.137,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netezza Performance Server for IBM Cloud Pak for Data Virtual Processor Core LIC + SW S&S 12 MO                                                                                                             | D0ALCZX | 127.575,07 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Professional Non Production Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                | D1SLPLL | 127.527,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Capacity Increase from 1Kto 2.5K EPS Install SW Subscription & Support Reinstatement 12 Months                                                                            | D0WU7LL | 127.475,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo APM for E&U On-premise - Standard User per Authorized User Annual SW Subscription & Support Renewal                                                                                                  | E0LT2LL | 127.387,24 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Dev Test Small Instance per Month                                                                                                                                   | D01IXZX | 126.039,06 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager Container Edition for Distributed Platforms per Install License + SW Subscription & Support 12 Months                                                               | D293ILL | 125.696,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Dashboards Application Annual SW Subscription & Support Renewal 12 Months                                                                                                      | E0RBALL | 125.255,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C, C++, Java and Ada Authorized User License + SW Subscription & Support 12 Months                                                                        | D09PELL | 125.255,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Africa and Middle East Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                                           | D05D2ZX | 125.255,24 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Africa and Middle East Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                        | E05D3ZX | 125.255,24 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Master Data Management Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                       | D039NZX | 125.255,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Concurrent User License + SW Subscription & Support 12 Months                                                                                                                      | D1Q6ELL | 125.255,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Professional Floating User Single Install from Rational Service Tester for SOA Quality Floating User Single Install Trade Up License + SW Subscription & Support 12 Months | D02KSZX | 125.255,24 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender on DataPower Gateway X2 Application Instance License SW Subscription & Support 12 Months                                                                                  | D0BP1ZX | 125.255,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender on DataPower Gateway X3 Application Instance License SW Subscription & Support 12 Months                                                                                  | D0BP4ZX | 125.255,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Wazi Developer for Red Hat CodeReady Workspaces Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                       | D053IZX | 125.255,24 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Information Server Enterprise Edition on Cloud Managed Small Instance per Month                                                                                                                                | D010DZX | 124.983,81 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 500 Events Per Second SW Subscription & Support Reinstatement 12 Months                                                                               | D1RPMLL | 124.942,74 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Eastern Europe Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                                          | D05C5ZX | 124.722,23 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Eastern Europe Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                       | E05C6ZX | 124.722,23 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Floating User Single Install from Rational Service Tester SOA Quality Floating User Single Install Trade Up License + SW Subscription & Support 12 Months                          | D0PRSL  | 124.722,23 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 5710 Software Large Install Annual SW Subscription & Support Renewal                                                                                                                | E0CUBLL | 124.722,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data-Address and Geo for Central America and Caribbean Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                             | D05BPZX | 124.189,23 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data-Address and Geo for Central America and Caribbean Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                          | E05BQZX | 124.189,23 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Starter Edition for Non-Production Environment Install License + SW Subscription & Support 12 Months                                                                                 | D0ZZBLL | 123.656,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX User Based Limited Use Edition Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                 | D1QXYLL | 123.656,23 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX User Based Limited Use Edition Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                              | E0N6GLL | 123.656,23 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 1000 Floating Users Annual SW Subscription & Support Renewal                                                                                                | E012LLL | 123.656,23 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Gold Concurrent User from Modeler Premium Concurrent User Trade Up License + SW Subscription & Support 12 Months                                                 | D10NJLL | 123.656,23 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Professional Concurrent User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                    | D0EC7LL | 123.656,23 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Professional Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                 | E09IVLL | 123.656,23 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Testing Environment Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                             | D29LELL | 123.656,23 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise CRTG for IBM Cloud Pak for Data BD Reserved Install Subscription License                                                                          | D09NKZX | 123.530,82 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Server 500Mbps Install Monthly License                                                                                                             | D1W4CLL | 123.471,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Suite for Enterprise Plus Install SUBSCRIPTION LICENSE                                                                                                           | D05BFZX | 123.471,63 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data BD Install Subscription License                                                                              | D28NDLL | 123.471,63 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM SVC for XIV SoftWare 1TB drives Storage Device License + SW Subscription & Support 12 Months                                                                                  | D0JWXLL | 123.256,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Reservation Manager Non Production Environment per Install Annual SW Subscription & Support Renewal                                                         | E0F47LL | 123.123,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configurator for eCommerce for Red Hat OpenShift Resource Value Unit Annual SW Subscription & Support Renewal                                                        | E0QYHLL | 122.829,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Authorized User to IBM SPSS Statistics Premium Authorized User Trade Up Lic + Subscription and Support 12 Months                                         | D27U8LL | 122.590,23 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Explorer Modernization Virtual Processor Core from Watson Explorer Deep Analytics Edition Virtual Processor Core Trade Up License + Subscription and Support 12 Months | D28S3LL | 122.590,23 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event/Flow Processor 18XX Install Annual SW Subscription & Support Renewal                                                                               | E0G1KLL | 122.410,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Floating User Single Install License + SW Subscription & Support 12 Months                                                 | D1HZQLL | 122.035,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Hyper Protect Virtual Servers Virtual Processor Core License + SW Subscriptn and Support 12 Months                                                                            | D1XG3LL | 122.035,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Aviation Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                         | D1GSTLL | 122.035,91 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics On Demand Consulting Gold for Business Analytics Engagement per Month                                                                                               | D017ZZX | 121.874,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics On Demand Consulting Gold for Data Science Engagement per Month                                                                                                     | D0181ZX | 121.874,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics On Demand Consulting Gold for Hybrid Data Management Engagement per Month                                                                                           | D0186ZX | 121.874,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics On Demand Consulting Gold for Unified Governance Engagement per Month                                                                                               | D017WZX | 121.874,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Non-Production Environment Platinum 2.0 per Instance per Month                                                                                                   | D1NQVLL | 121.874,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud On Demand Consulting Gold for ECM Engagement per Month                                                                                                                  | D0183ZX | 121.874,76 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Non-Production Environment Platinum 2.0 per Instance per Month  | D1NQYLL | 121.874,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Architect Zero Trust Engagement Remotely Delivered SW Services               | D0GE9ZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Assess QRadar Suite - Non-Saas Engagement Remotely Delivered SW Services     | D0GEPZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Assess QRadar Suite - Saas Engagement Remotely Delivered SW Services         | D0GEQZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build QRadar Suite EDR - Non-Saas Engagement Remotely Delivered SW Services  | D0GE8ZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build QRadar Suite Solution - Non-Saas Engagement Remotely Delivered Service | D054EZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build QRadar Suite Solution - Saas Engagement Remotely Delivered Service     | D0DNKZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Configure QRadar Suite - Saas Engagement Remotely Delivered SW Services      | D0GERZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Configure Verify - Saas Engagement Remotely Delivered Service                | D0DKGZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Install QRadar Suite - Non-Saas Engagement Remotely Delivered SW Services    | D0GESZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Install Verify - Non-Saas Engagement Remotely Delivered SW Services          | D03WUZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate Guardium - Non-Saas Engagement Remotely Delivered SW Services        | D0GE6ZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate Guardium - Saas Engagement Remotely Delivered SW Services            | D0GE7ZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate QRadar Suite - Non-Saas Engagement Remotely Delivered SW Services    | D0GETZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate QRadar Suite - Saas Engagement Remotely Delivered SW Services        | D0GEUZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate Verify - Non-Saas Engagement Remotely Delivered SW Services          | D0GEAZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate Verify - Saas Engagement Remotely Delivered SW Services              | D0GEBZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Guardium Solution - Non-Saas Engagement Remotely Delivered SW Services  | D054BZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Guardium Solution - Saas Engagement Remotely Delivered Service          | D0EG5ZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan QRadar Suite - Non-Saas Engagement Remotely Delivered Service           | D02CNZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan QRadar Suite - Saas Engagement Remotely Delivered Service               | D0DNNZX | 121.874,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Verify Solution - Non-Saas Engagement Remotely Delivered SW Services    | D0GECZX | 121.874,76 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Verify Solution - SaaS Engagement Remotely Delivered SW Services                                                                                                                 | D0GEDZX | 121.874,76 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Product Expert Assistance Engagement Remotely Delivered SW S                                                                                                                             | D0CPVZX | 121.874,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Product Expert Assistance Non-SaaS Engagement Remotely Delivered SW Services                                                                                                             | D0CPWZX | 121.874,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Information Server Enterprise Edition on Cloud Managed Dev/Test Medium Instance per Month                                                                                                             | D0106ZX | 121.874,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Science and MLOps Express Non-Production Install Monthly License                                                                                                                             | D0D5RZX | 121.649,64 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event Processor Software 16XX Failover Install Annual SW Subscription & Support Renewal                                                                                      | E0G25LL | 121.565,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Processor Software 17XX Failover Install Annual SW Subscription & Support Renewal                                                                                       | E0G27LL | 121.565,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR per User Value Unit (Concurrent User) Annual SW Subscription & Support Renewal                                                                                               | E0Q04LL | 121.565,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Document Archive Retrieval Transport Non-Prod Server SW Subscription & Support Reinstatement 12 Months                                                                                    | D04G2LL | 121.425,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Address Verification Interface for Non-Prod Environments Install License + SW Subscription & Support 12 Months                                                            | D14AJLL | 121.425,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local Modeler Authorized User License + SW Subscription & Support 12 Months                                                                                                    | D0762LL | 121.425,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 50 Floating User License + SW Subscription & Support 12 Months                                                                                     | D54Q1LL | 121.425,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                      | D08V5ZX | 121.425,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Business Applications Install License + SW Subscription & Support 12 Months                                                                                                 | D0N6FLL | 121.425,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Batch Data Transformation per Resource Value Unit Annual SW Subscription & Support Renewal                                                                                  | E0Q72LL | 121.022,58 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Business for Japan2 10 Client Devices per Annum                                                                                                                           | D1WH0LL | 120.879,84 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Retail for Japan 100 Client Devices per Annum                                                                                                                             | D1WGNLL | 120.879,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 100 Mbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                                                  | D04DPZX | 120.815,55 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Informix Advanced Enterprise Edition Modernization Virtual Processor Core from Informix Advanced Enterprise Edition 1 VPC Trade Up License + Subscription & Support 12 Months  | D0521ZX | 120.815,55 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Informix Advanced Enterprise Edition Modernization Virtual Processor Core from Informix Advanced Enterprise Edition 70 PVU Trade Up License + Subscription & Support 12 Months | D0522ZX | 120.815,55 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning Modeler Authorized User License + SW Subscription & Support 12 Months                                                                                                  | D0772LL | 120.815,55 | Permanente com Manutenção |

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| Real | 12 |  | PPA | 7831 | IBM TRIRIGA Strategic Facility Planning for Non-Production Environment Install License + SW Subscription & Support 12 Months                                                | D0N69LL | 120.815,55 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM TRIRIGA Workplace Performance Management Facilities Non-Production Environment Install License + SW Subscription & Support 12 Months                                    | D0N74LL | 120.815,55 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM TRIRIGA Workplace Performance Management Operations for Non-Production Environment Install License + SW Subscription & Support 12 Months                                | D0N6YLL | 120.815,55 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM TRIRIGA Workplace Performance Management Projects for Non-Production Environment Install License + SW Subscription & Support 12 Months                                  | D0N6DLL | 120.815,55 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM TRIRIGA Workplace Performance Management Real Estate for Non-Production Environment Install License + SW Subscription & Support 12 Months                               | D0N6BLL | 120.815,55 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Application Runtimes - Saas Engagement Remotely Delivered Service                                                                                     | D0122ZX | 120.631,14 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Business Automation - Saas Engagement Remotely Delivered Service                                                                                      | D011UZX | 120.631,14 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Integration - Saas Engagement Remotely Delivered Service                                                                                              | D011YZX | 120.631,14 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Sterling Order Management Configurator Add-on Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                    | E0KU5LL | 120.205,37 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Tivoli Business Service Manager for the Enterprise Tier 2 Resource Value Unit License + SW Subscription & Support 12 Months                                             | D0I0GLL | 120.205,37 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM UrbanCode Velocity User per Floating User License + SW Subscription & Support 12 Months                                                                                 | D1YIILL | 120.205,37 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Aspera High-Speed Transfer Server 45Mbps Install from Enterprise Server & Connect for Web Access 20 Mbps Install Trade Up License + SW Subscription & Support 12 Months | D1Y8KLL | 119.595,20 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Aspera High-Speed Transfer Server 500Mbps Install Annual SW Subscription & Support Renewal 12 Months                                                                    | E0P1ILL | 119.595,20 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                    | D09GILL | 119.595,20 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Floating User Single Install SW Subscription & Support Reinstatement 12 Months                       | D09IFLL | 119.595,20 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Maximo Asset Management Concurrent User Trade Up from Maximo Asset Management Express Use Concurrent User + SW Subscription & Support 12 Months                         | D1Q6HLL | 119.595,20 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM UrbanCode Deploy Session per Simultaneous Session SW Subscription & Support Reinstatement 12 Months                                                                     | D12U2LL | 119.595,20 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM DataPower Gateway Virtual Edition for Developers License Authorized User License + Software Subscription & Support 12 Months                                            | D1B0QLL | 119.463,36 | Permanente com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Modernization Virtual Processor Core License + SW Subscription & Support Reinstatement 12 Months                | D0BZCZX | 119.392,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure File Transfer Container Edition with Redhat OpenShift for Non Production Virtual Processor Core Trade Up License | D09ZPZX | 118.859,22 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Non-Production Instance Instance per Month                                                      | D01YZZX | 118.765,71 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One 31XX Failover Install SW Subscription & Support Reinstatement 12 Months                   | D0WQHLL | 118.725,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Modernization Non-Production Virtual Processor Core LIC + SW S&S 12 MO                                            | D06PKZX | 118.374,83 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Expert Labs Migration Services Direct Engagement Pay per Use                                                               | D07IWZX | 118.372,09 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery X-Large Instance Pay Per Use                                                                                    | D20CBLL | 118.372,09 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for CrawfordTech Riptide DataFormatter Publishing Server SW Support 12 Months                                      | D1BV2LL | 118.326,22 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Targetprocess Private Cloud Private Cloud per Month                                                                       | D0GV4ZX | 118.143,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Expert Labs - Assistance Mon Sub Saas (40 Hrs Per Mn) Engagement per Month                                     | D0EG4ZX | 118.143,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Expert Labs - Assistance Monthly Subscription Non-Saas Engagement 40 hours per Month                           | D0DNMZX | 118.143,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Expert Labs - Assistance Monthly Subscription Non-Saas Engagement 40 hours per Month                             | D0DNHZX | 118.143,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Expert Labs - Assistance Monthly Subscription Saas Engagement 40 hours per Month                                 | D0DNJZX | 118.143,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Expert Labs - Assist Monthly Subscription Non-Saas Engagement - 40 Hours Per Month                               | D0DKVZX | 118.143,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Expert Labs - Assistance Monthly Subscription Saas Engagement - 40 Hours Per Month                               | D0DKXZX | 118.143,90 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Inventory Visibility Million API Calls per Annum                                                       | D01UGZX | 117.895,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Inventory Visibility Million API Calls Overage                                                         | D01UHZX | 117.895,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AI Decision Coordination for Machine Learning Production Install Subscription License                                            | D0GVXZX | 117.260,22 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Open Data for Industries Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core LIC + SW S&S 12 MO           | D04YRZX | 117.260,22 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Test Virtualization Server Simultaneous Session Monthly License                                                         | D1BMVLL | 117.260,22 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Capacity Increase of 100K FPM for Failover Install Annual SW Subscription & Support Renewal            | E0G33LL | 117.251,07 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Enterprise Edition Resource Value Unit Monthly License 12 Months                                       | D1DCOLL | 117.010,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Pack for FIX Establishment Monthly License                                                               | D1885LL | 117.010,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere FastTrack 10 Authorized Users Annual SW Subscription & Support Renewal                                                | E04JSLL | 116.727,22 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Non-Production Modernization Virtual Processor Core From IBM Cognos Analytics Non-Production Environment 70 Process Value Units Trade Up License + Subscription and Support 12 Months | D03E3ZX | 116.727,22 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Administrator Authorized User License + SW Subscription & Support 12 Months                                                                                                          | D0C2SLL | 116.727,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Open XL Fortran for AIX Concurrent User License + SW Subscription & Support 12 Months                                                                                                                      | D043TLL | 116.727,22 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud with High Availability Small paygo Per Instance pay per use with Support                                                                                               | D1TV6LL | 116.523,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Software Enterprise Edition for Red Hat OpenShift Resource Value Unit Monthly License                                                                                        | D26RALL | 116.293,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Asia Pacific Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                         | D05FCZX | 116.194,22 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Asia Pacific Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                      | E05FDZX | 116.194,22 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Enterprise Edition for Non-Production Environment Install from Standard Edition for Non-Production Environment Install Trade Up License + SW Subscription & Support 12 Months                | D25VHLL | 116.194,22 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Gold Keyless Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                            | D10N3LL | 116.194,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Add-on for Global High Availability Mailbox Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                             | E0M4LLL | 116.194,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on for Global High Availability Mailbox Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                               | E0M4FLL | 116.194,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                                               | EOQNRLL | 116.194,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Quoting Add-on Resource Value Unit Annual SW Subscription & Support Renewal                                                                                                  | E0DMELL | 116.194,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | MQ High Availability Replica 100 Virtual Server SW S&S Reinstatement 12 Mo                                                                                                                                 | D22VTLL | 116.194,22 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management Collaborative Edition on Cloud Medium Instance per Month                                                                                                                        | D0092ZX | 116.006,10 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local Modeler per Authorized User from Planning Analytics Express Administrator per Authorized User Trade Up License + SW Subscription & Support 12 Months                          | D1RLRLL | 115.661,22 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Delivery and Service Scheduling Add-on for Red Hat OpenShift Resource Value Unit Annual Software Subscription & Support Renewal                                     | EOQNXLL | 115.661,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 25K Flows Per Minute SW Subscription & Support Reinstatement 12 Months                                                                            | D1RRCLL | 115.656,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Console 31XX Install Annual SW Subscription & Support Renewal                                                                                                                     | E0G1ELL | 115.656,45 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Data Store for Disaster Recovery Connection SW Subscription & Support Reinstatement 12 Months                                                                                 | D1W7XLL | 114.812,26 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Automatic Data Lineage Resource Unit Subscription License                                                                                                                                     | D08XFZX | 114.751,98 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 2.5 Gbps from Aspera High-Speed Transfer Endpoint 1Gbps Resource Value Unit Trade Up License + SW Subscription & Support 12 Months                        | D21XXLL | 114.595,22 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 2.5 Gbps Resource Value Unit from Point-to-Point Client 1Gbps Install Trade Up License + SW Subscription & Support 12 Months                              | D21YKLL | 114.595,22 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Engine Bulk Import Tool for IBM Content Foundation Virtual Server Annual SW Subscription & Support Renewal                                                                            | E0HRGLL | 114.595,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Engine Bulk Import Tool Virtual Server Annual SW Subscription & Support Renewal                                                                                               | E0DA5LL | 114.595,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Document Publisher Server Annual SW Subscription & Support Renewal                                                                                                                    | E04X0LL | 114.595,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet High Performance Image Import Server Annual SW Subscription & Support Renewal                                                                                                         | E052CLL | 114.595,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Resource Adapter Professional Edition Server License + SW Subscription & Support 12 Months                                                                             | D04C6LL | 114.595,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 100 Floating User SW Subscription & Support Reinstatement 12 Months                                                                            | D530NLL | 114.595,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Smart Analytics System 5710 Software Medium Install Annual SW Subscription & Support Renewal                                                                                                  | E0CU8LL | 114.595,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Client Authorized User from Modeler Gold Authorized User Trade Up License + SW Subscription & Support 12 Months                                          | D10WLLL | 114.595,22 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Speech to Text Library for Embed (125,000 Monthly Minutes) SW Subscription & Support Reinstatement                                                                                     | D0CY7ZX | 114.595,22 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Governance Express Unrestricted Add-on Install Subscription License                                                                                                                      | D0D40ZX | 114.124,92 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management Cloud Managed Disaster Recovery Small per Instance Monthly Subscription with Support                                                                                   | D21X2LL | 114.124,92 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Cloud Key Management per Resource Value Unit (Entity ID) Annual SW Subscription & Support Renewal                                                                       | E0Q70LL | 114.124,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Standard Edition Install Annual SW Subscription & Support Renewal                                                                                                       | E0HRPLL | 114.062,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per Additional LPAR Group P50 SW SUPPORT 12 MO                                                                                                     | D1UQILL | 114.062,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Professional Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                           | E0F76LL | 114.062,21 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Professional Floating User Single Install from Rational Functional Tester Floating User Single Install Trade Up License + SW Subscription & Support 12 Months | D02KTZX | 114.062,21 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate Business Automation - SaaS Engagement Remotely Delivered SW Services                                                                                     | D0G8HZX | 113.791,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate Integration - SaaS Engagement Remotely Delivered SW Services                                                                                             | D0G8YZX | 113.791,23 | Permanente com Manutenção |
| Real | 1  | Contratação Mínima 12 meses                    | SaaS | 7831 | IBM Robotic Process Automation as a Service One Week Consulting Services Engagement Remotely Delivered Service                                                                   | D0456ZX | 113.791,23 | SaaS Human Services       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM Robotic Process Automation One Week Consulting Services Engagement Remotely Delivered Service                                                                                | D0458ZX | 113.791,23 | SaaS                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM PureData System for Analytics Additional 12.5% Cap N3001-005 for The Now Factory for Appliance Install Monthly License                                                       | D1IECLL | 113.650,69 | SaaS                      |
| Real | 12 |                                                | PPA  | 7831 | IBM COBOL for AIX Concurrent User from COBOL for AIX Authorized User Trade Up License + SW Subscription & Support 12 Months                                                      | D0DFPLL | 113.493,40 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Floating User Single Install from Rational Functional Tester Floating User Single Install Trade Up License + SW Subscription & Support 12 Months     | D0PRRLL | 113.493,40 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Floating User Single Install from Rational Tester Workbench Authorized User Single Install Trade Up License + SW Subscription & Support 12 Months    | D0PRULL | 113.493,40 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Mega for Red Hat OpenShift per Resource Value Unit License + SW Subscription & Support 12 Months                            | D26RULL | 113.493,40 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 2.5K Events Per Second Annual SW Subscription & Support Renewal 12 Months                                               | E0NBTL  | 113.123,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 2.5K Events Per Second Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months | D1S1XLL | 113.123,84 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Non-Production 2.5K Events Per Second Annual SW Subscription & Support Renewal 12 Months                                                  | E0PLNLL | 113.123,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 100K Flows Per Minute Annual SW Subscription & Support Renewal 12 Months                                                | E0NCDLL | 113.123,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 100K Flows Per Minute Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months  | D1S2BLL | 113.123,84 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Non-Production 100K Flows Per Minute Annual SW Subscription & Support Renewal 12 Months                                                   | E0PLSLL | 113.123,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One 21XX Install Annual SW Subscription & Support Renewal                                                                                        | E0G1BLL | 113.123,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Security QRadar Risk Manager Added 50 Remote Branch Configuration Source Install SW S&S REINSTATE 12 MO                                                                          | D0WWDLL | 113.123,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DevOps Model Architect Floating User License + SW Subscription & Support                                                                                                     | D0FIHZX | 112.996,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configurator Add-on for eCommerce Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                            | E0KU4LL | 112.996,21 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 100 Mbps Non-Production Environment Install License + SW Subscription & Support 12 Months                                                                 | D1BZXLL | 112.883,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Enterprise Edition CPU Option Virtual Processor Core Trade up from Informix Enterprise Edition Virtual Processor Core Trade Up License + SW Subscription & Support 12 Months | D229GLL | 112.883,22 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Unstructured Forms Processing Concurrent User License + SW Subscription & Support 12 Months                                                                       | D610YLL | 112.883,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Configuration Manager Concurrent User License + SW Subscription & Support 12 Months                                                                                               | D1QB0LL | 112.883,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer for WebSphere Software Floating User Single Install License + SW Subscription & Support 12 Months                                                         | D0PVYLL | 112.883,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                         | D0EP3LL | 112.883,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Professional Authorized User License + SW Subscription & Support 12 Months                                                                                                        | D0EMZLL | 112.883,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                            | E08HKZX | 112.883,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Reporting Install SW Subscription and Support Reinstatement 12 Months                                                                                                                  | D263DLL | 112.883,22 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Premium Small Per Instance Monthly Subscription with Support                                                                                                   | D1TQPLL | 112.870,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Security QRadar Risk Manager Added 50 Remote Branch Configuration Source Install SW S&S REINSTATE 12 MO                                                                                            | D16ADLL | 112.279,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 2.5 Gbps Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                             | D21XWLL | 112.273,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Gold Keyless Authorized User From IBM SPSS Modeler Professional Authorized User Trade Up License + SW Subscription & Support 12 Months                                            | D25XVLL | 112.273,03 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Standard for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                                                 | E0BWULL | 112.273,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Integrator Connection per Connection SW Subscription & Support Reinstatement 12 Months                                                                                                 | D0JSJLL | 111.930,21 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | DrumWave Audit Suite for IBM Cloud Pak for Data User per Annum                                                                                                                                     | D0A1KZX | 111.925,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition per Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                 | D1YGZLL | 111.662,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Industry Solutions Workbench Non-Production Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                           | D25Z9LL | 111.662,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Gateway with DRDA Server Install SW Subscription & Support Reinstatement 12 Months                                                                                         | D6DDALL | 111.662,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for United Kingdom Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                              | D05CQZX | 111.662,85 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for United Kingdom Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E05CRZX | 111.662,85 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support Reinstatement 12 Months                             | D0C1CZX | 111.397,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Administrator Authorized User from IBM Cognos Controller Express Administrator User Trade Up License + SW Subscription & Support 12 Months         | D25YWLL | 111.052,67 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Plus Modernization Virtual Processor Core SW Subscription and Support Renewal 12 Months                                                         | E03KAZX | 111.052,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Enterprise Edition 25 Floating Users Single Install License + SW Subscription & Support 12 Months                                                        | D58FGLL | 111.052,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services-COLD Install Annual SW Subscription & Support Renewal                                                                                         | E0548LL | 111.052,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Business Service Manager for the Enterprise Base Install Annual SW Subscription & Support Renewal                                                             | E0B67LL | 111.052,67 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PureData System for Analytics Additional 12.5% Capacity N3001-005 for Appliance Install Monthly License                                                              | D11CXLL | 111.048,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Object Storage File Access for Capacity Above Base 100 Terabyte Initial Fixed Term License + SW Subscription & Support 12 Months                               | D28K4LL | 110.989,62 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Object Storage File Access for Capacity Above Base 100 Terabyte Subsequent Fixed Term License + SW Subscription & Support 12 Months                            | E0R32LL | 110.989,62 | Temporária com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM ELT Pushdown Express Install Subscription License                                                                                                                    | D0D4HZX | 110.989,62 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech to Text Cartridge for IBM Cloud Pak for Data 500000 Monthly Minutes Monthly License                                                                    | D29CNLL | 110.989,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Text to Speech Cartridge for IBM Cloud Pak for Data 250000000 Monthly Characters Monthly License                                                              | D29CWLL | 110.989,62 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Administrator Cartridge for IBM Cloud Pak for Data Authorized User License + SW Subscription and Support 12 Months                                  | D03GTZX | 110.331,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Administrator per Authorized User License + SW Subscription & Support 12 Months                                                                     | D17BALL | 110.331,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ELT Pushdown Express Unrestricted Add-on Non-Production Install Annual SW Subscription & Support Renewal                                                             | E0DECZX | 110.331,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for North America Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months             | D05GLZX | 110.331,21 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for North America Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months          | E05GMZX | 110.331,21 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core LIC + SW S&S 12 MO                                                         | D06PAZX | 110.331,21 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal              | E0QNKLL | 110.331,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per Production Server for 2 LPARs Group P20 SW SUPPORT 12 MO                                                 | D1UQ9LL | 109.798,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Enterprise Edition for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                   | D25VFLL | 109.798,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Standard Edition Install SW Subscription & Support Reinstatement 12 Months                                                                    | D25V2LL | 109.798,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM PL/I for AIX Concurrent User Trade Up from IBM PL/I for AIX Authorized User License + SW Subscription & Support 12 Months                               | D0JX3LL | 109.798,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Control Virtual Processor Core SW S&S REINSTATE 12 MO                                                 | D08TJZX | 109.798,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Real Estate Environmental Sustain Impact Manager for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months       | D0N5SLL | 109.798,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS TX Advanced Virtual Processor Core Trade Up from IBM CICS TX Processor Value Unit                                                                  | D05JPZX | 109.222,14 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ on Cloud Accelerator Engagement Set Up                                                                                                               | D21XFLL | 108.816,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ on Cloud Jump Start Engagement Set Up                                                                                                                | D21XKLL | 108.816,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Information Server Enterprise Edition on Cloud Managed DevTest Small Instance per Month                                                                     | D0107ZX | 108.816,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data - Enterprise Edition Transition Virtual Processor Core License + SW Subscription & Support 12 Months                                 | D0659ZX | 108.611,96 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Pack for SAS per Install SW Subscription & Support Reinstatement 12 Months                                                         | D0CZFLL | 108.611,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector per Install License + SW Subscription & Support 12 Months                                                          | D0ESULL | 108.611,96 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Floating User LIC + SW S&S 12 MO                                                                           | D533CLL | 108.611,96 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Delivery and Service Scheduling Add-on Resource Value Unit Annual Software Subscription & Support Renewal                     | E0DISLL | 108.611,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Non-Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months              | D26S6LL | 108.611,96 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months | D26SLLL | 108.611,96 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Healthcare for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months         | D26S9LL | 108.611,96 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server per Limited Use Socket License + SW Subscription & Support 12 Months                                                       | D0GUSLL | 108.611,96 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-In-One Software 31XX Failover Install Annual SW Subscription & Support Renewal                                                               | E0G21LL | 108.401,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Concurrent User License + SW Subscription & Support 12 Months                                                                                | D0EK0LL | 108.001,78 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimization Studio Developer Edition Floating User Single Session License + SW Subscription & Support 12 Months                                           | D16I8LL | 107.666,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Warehouse for zLinux per Virtual Processor Core License + SW Subscription & Support 12 Months                                                                     | D1UT9LL | 107.664,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Warehouse per Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                | D1MD5LL | 107.664,51 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Insight Edition Add-On Platinum per Instance per Month                                                                                                        | D1M2NLL | 107.573,13 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                 | E08H0ZX | 107.391,60 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Digital Payments Virtual Server Subscription License                                                                                | D276RLL | 107.227,26 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Professional Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                           | D02KYZX | 107.133,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                                | D0PRQLL | 107.133,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway AddOn for B2Bi Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months | D26R6LL | 107.133,20 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Test Pack Virtual Testers 20000 Floating User Monthly License                                                                                    | D1BFELL | 106.960,88 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Safer Payments Resource Value Unit Subscription License                                                                                                               | D26JHLL | 106.960,88 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog Manager for Suppliers-Website-Item One Time Setup                                                                | D014YZX | 106.951,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Customer Transaction Manager-Initial Form Implementation-Item Setup Entity ID                                            | D014QZX | 106.951,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Supplier Transaction Manager-Initial Form Implementation-Item Setup Entity ID                                            | D0150ZX | 106.951,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Perform Turbonomic Instana - Saas Engagement per Annum                                                                                                    | D08YYZX | 106.914,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Perform Turbonomic Instana NonSaas Engagement per Annum                                                                                                   | D08YUZX | 106.914,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Programmable Flow Controller Install Annual SW Subscription & Support Renewal                                                                                         | E0EMHLL | 106.781,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Premium Feature Pack for i per Install Annual SW Subscription & Support Renewal                                                              | E0NIDLL | 106.600,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Premium Feature Pack for Multiplatforms per Install Annual SW Subscription & Support Renewal                                                 | E0NI7LL | 106.600,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF RTM Server Install SW Subscription & Support Reinstatement 12 Months                                                                                     | D02YQZX | 106.600,20 | Manutenção após Vigência  |



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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Mega per Resource Value Unit License + SW Subscription & Support 12 Months                                               | D0ZZRLL | 106.600,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Open XL CC++ for AIX Concurrent User LIC + SW S&S 12 MO                                                                                                              | D043PLL | 106.600,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build for Compliance using IBM Security and Compliance Center Direct Engagement Pay per Use                                                          | D0GH1ZX | 106.391,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build for Power Virtual Server on IBM Cloud Direct Engagement Pay per Use                                                                            | D0GH7ZX | 106.391,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build for Red Hat OpenShift and IBM Cloud Satellite Direct Engagement Pay per Use                                                                    | D0GH8ZX | 106.391,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build on IBM Cloud for CoE Direct Engagement Pay per Use                                                                                             | D0GH9ZX | 106.391,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build on IBM Cloud for HPC Direct Engagement Pay per Use                                                                                             | D0GHCZX | 106.391,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build on IBM Cloud for VMware Direct Engagement Pay per Use                                                                                          | D0GHEZX | 106.391,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate to Power Virtual Server on IBM Cloud Direct Engagement Pay per Use                                                                           | D0GHHZX | 106.391,25 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Bronze 2.0 per Instance per Month                                                                                                       | D1M2TLL | 106.329,51 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Console 31XX Failover Install SW Subscription & Support Reinstatement 12 Months                                                      | D0WQNLL | 106.189,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 50 Standard Configuration Source Install Annual SW Subscription & Support Renewal                                             | E0G3RLL | 106.189,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One Software 21XX LT Install Annual SW Subscription & Support Renewal                                                                | E0I5OLL | 106.189,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Aruba Wi-Fi LAB Install SW S&S Reinstale 12 Mo                                                                                         | D0BH7ZX | 106.067,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco ACI LAB Install SW S&S Reinstale 12 Mo                                                                                           | D0BHHZX | 106.067,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco SD-WAN LAB Install SW S&S Reinstale 12 Mo                                                                                        | D0BHQZX | 106.067,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco Wi-Fi LAB Install SW S&S Reinstale 12 Mo                                                                                         | D0BHZZX | 106.067,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Nuage SD-WAN LAB Install SW S&S Reinstale 12 Mo                                                                                        | D0BI7ZX | 106.067,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Versa SD-WAN LAB Install SW S&S Reinstale 12 Mo                                                                                        | D0BIFZX | 106.067,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne xStats Adapter for Accedian Vision EMS Install SW S&S Reinstale 12 Mo                                                                                     | D0BJZZX | 106.067,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Data Encryption Key Management on KMIP per Resource Value Unit (MVS) License + SW Subscription & Support 12 Months                         | D04K9ZX | 105.711,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Data Encryption Key Management on Oracle TDE and Microsoft SQL per Resource Value Unit (MVS) License + SW Subscription & Support 12 Months | D04K5ZX | 105.711,82 | Permanente com Manutenção |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Solution Architecture Workshop for ECM Engagement Remotely Del SW Svc                                                                                                                                                                         | D0117ZX | 105.707,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Solution Build for ECM Engagement Remotely Del SW Svc                                                                                                                                                                                         | D0118ZX | 105.707,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Solution Initiation Workshop Foundation for ECM Engagement Remotely Del SW Svc                                                                                                                                                                | D011AZX | 105.707,70 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data System Edition Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                                                              | D2337LL | 105.534,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Integration Reserved Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                                                                         | D25ZZLL | 105.534,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Integration Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                                                                                  | D20ZELL | 105.534,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Modernization Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                                                      | D08ZVZX | 105.534,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Workgroup Edition Terabyte Annual SW Subscription & Support Renewal                                                                                                                                                        | E0F1GLL | 105.534,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Virtual Data Pipeline and Optim Data Privacy Terabyte Trade Up from IBM InfoSphere Virtual Data Pipeline Terabyte License + SW Subscription & Support 12 Months                                                                          | D279BLL | 105.534,20 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months                                                                                                                                             | D0LKELL | 105.534,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentran-Director Pro Install License + SW Subscription & Support 12 Months                                                                                                                                                                 | D0J0FLL | 105.534,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Pricing Add-on Resource Value Unit Annual SW Subscription & Support Renewal                                                                                                                                               | E0DMDLL | 105.534,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Mega per Resource Value Unit from IBM Sterling Order Management Store Add on per Resource Value Unit Trade Up License + SW Subscription & Support 12 Months                                                 | D103RLL | 105.534,20 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Quantum Premium Plan 0.25 Queue Slot per Month                                                                                                                                                                                                      | D0AKJZX | 105.378,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DevOps Model Architect Floating User from IBM DevOps Model Architect Authorized User Trade Up License + SW Subscription & Support 12 Months                                                                                                         | D0FIFZX | 105.001,20 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer for WebSphere Software Floating User Single Install from IBM Rational Software Architect Designer for WebSphere Software Authorized User Single Install Trade Up License + SW Subscription & Support 12 Months | D0PW0LL | 104.950,88 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks Capacity Edition Virtual Processor Core License + SW Subscriptn and Support 12 Months                                                                                                                              | D27FGLL | 104.950,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Data Synchronization Application Install SW S&S Reinstat 12 Mo                                                                                                                                                                      | D28QFLL | 104.681,76 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Exp Labs - IBM SevOne NPM TAM One Day Per Month - Non-Saas Engagement per Annum                                                                                                                                                                     | D08YLZX | 104.529,60 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Exp Labs - IBM SevOne NPM TAM One Day Per Month - Saas Engagement per Annum                                                                                                                                                                         | D08YQZX | 104.529,60 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription and Support Renewal 12 Months                                                                         | E03JRZX | 104.340,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Netherlands Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                                              | D05CDZX | 104.340,70 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Netherlands Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                           | E05CEZX | 104.340,70 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Standard Edition Adaptor Toolkit Server License + SW Subscription & Support 12 Months                                                                                                  | D59BJLL | 104.340,70 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Edition for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                                                              | E0QNPLL | 104.340,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Mega per Resource Value Unit from IBM Sterling Order Management Store Edition Small per Resource Value Unit Trade Up License + SW Subscription & Support 12 Months  | D103WLL | 104.340,70 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Case Manager Enterprise Instance Advanced Support per Month                                                                                                                                                     | E0FYEZX | 103.842,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Non-Production Environment Gold 2.0 per Instance per Month                                                                                                                         | D1NQXLL | 103.842,27 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Capacity Increase 25K to 50K FPM Failover Install SW Subscription & Support Reinstatement 12 Months                                                                               | D0WUFL  | 103.837,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Streaming 100Mbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                                                             | D1YAQLL | 103.730,52 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Floating User Single Install Trade Up from ELMB Practitioner for Workgroups Authorized User Single Install License + SW Subscription & Support 12 Months | D1I0NLL | 103.730,52 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Floating User Single Install License + SW Subscription & Support 12 Months                                                               | D09PJLL | 103.730,52 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Non-RDBMS Targets Per Install Annual SW Subscription & Support Renewal                                                                                                          | E0N9ULL | 103.730,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Authorized User from IBM InfoSphere Business Glossary AU Trade Up License + SW Subscription & Support 12 Months                                                   | D0P22LL | 103.730,52 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Workgroup Edition Oracle Applications Terabyte Annual SW Subscription & Support Renewal                                                                               | E0EMYLL | 103.730,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Authorized User Trade Up from Professional Authorized User License + SW Subscription & Support 12 Months                                                                               | D0EQXLL | 103.730,52 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | Motio PI Professional Authorized User License + SW Subscription & Support 12 Months                                                                                                                             | D26K6LL | 103.730,52 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Governance Express Non-Production Install Monthly License                                                                                                                                              | D0D3PZX | 103.464,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Add-on MDM Server Small Instance per Month                                                                                                                          | D01VUZX | 103.464,90 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Expert Essentials Standard Engagement per Annum                                                                                                                                                    | D02M1ZX | 103.217,97 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support 12Months                 | D08LYZX | 103.120,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Connector for Fax Connection License + SW Subscription & Support 12 Months                                                                                            | D0IBNLL | 102.336,19 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Floating User Single Install Software Subscription & Support Reinstatement 12 Months                                    | D08RIZX | 102.336,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Enterprise Edition Terabyte Annual SW Subscription & Support Renewal                                                                            | E0DTXLL | 102.336,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Authorized User Trade Up from Standard Authorized User License + SW Subscription & Support 12 Months                                                  | D0ER2LL | 102.336,19 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Server 300Mbps Install Monthly License                                                                                                             | D1W4BLL | 102.210,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Immediate Payments Virtual Server Monthly License                                                                                           | D1Q5NLL | 102.210,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak System Software Suite Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                      | D26V1LL | 102.149,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Developer Edition Floating User Single Session from IBM Decision Optimization Center Developer Option Authorized User Trade-up Lic+S&S 12 Months | D29MKLL | 101.803,19 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Experience Pack for Salesforce Install SW Subscription & Support Reinstatement 12 Months                                                                                      | D0EZJZX | 101.803,19 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Noname Advanced API Security as a Service for IBM Instance Overage                                                                                                                | D0EUEZX | 101.355,03 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                     | E08HAZX | 101.289,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Composer Add On Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months             | D09B0LL | 101.270,19 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Composer Add On Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months          | E071YLL | 101.270,19 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester Floating User License + SW Subscription & Support 12 Months                                                                                        | D530BLL | 101.270,19 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester for zSeries (390) Floating User License + SW Subscription & Support 12 Months                                                                      | D54BULL | 101.270,19 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM Cloud Pak for Data 10 Thousand Monthly Minutes License + SW Subscription & Support 12 Months                         | D268WLL | 101.270,19 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Console Application Install License + SW Subscription & Support 12 Months                                                                                              | D1C7QLL | 100.679,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center for IBM Cloud Pak for Data Application Annual SW Subscription & Support Renewal 12 Months                                                        | E0RBCLL | 100.679,63 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Publishing Floating User License + SW Subscription & Support 12 Months                                                                  | D09JTLL | 100.679,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Archiving Adapter for InfoSphere Optim Data Growth Solution Install Annual SW Subscription & Support Renewal                                                        | E0K1DLL | 100.679,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Capacity Increase of 2.5K EPS Install Annual SW Subscription & Support Renewal                                                           | E0G2XLL | 100.460,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Software Install License + SW Subscription & Support 12 Months                                                                                             | D1RNCLL | 100.460,72 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | MANTA Automated Data Lineage for IBM Cloud Pak for Data Resource Unit Subscription License                                                                                     | D0A5GZX | 100.329,60 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Robotic Process Automation Platform Install SW Subscription & Support Reinstatement 12 Months                                                                              | D29B4LL | 100.069,44 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for SEPA Services Virtual Server Monthly License                                                                                             | D1CXVLL | 99.702,54  | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Teradata Encryption Resource Value Unit                                                                                                              | E0NW6LL | 99.702,54  | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator-Sterling File Gateway Deployment Assurance Engagement Remotely Delivered Service -- Software Services                                              | D04YFZX | 99.702,54  | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 300Mbps Install Annual SW Subscription & Support Renewal 12 Months                                                                       | E0P1HLL | 99.459,26  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 45Mbps Install SW Subscription & Support Reinstatement 12 Months                                                                         | D1VWTLL | 99.459,26  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Administrator Authorized User from Cognos Analytics Explorer Authorized User Trade Up License + SW Subscription & Support 12 Months                       | D1AC8LL | 99.459,26  | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Modernization Virtual Processor Core From IBM Cognos Analytics Viewer 70 Process Value Units Trade Up License + Subscription and Support 12 Months | D03FGZX | 99.459,26  | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for United Kingdom Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                  | D05H2ZX | 99.459,26  | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for United Kingdom Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months               | E05H3ZX | 99.459,26  | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Quick Report Enterprise Edition Server Annual SW Subscription & Support Renewal                                                                       | E03PBLL | 99.459,26  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Authorized User Single Install License + SW Subscription & Support 12 Months                                                                       | D0PS7LL | 99.459,26  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Robotic Process Automation Unattended Bot Agent Concurrent Connection License + SW Subscription and Support 12 Months                                                      | D29B9LL | 99.459,26  | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Process Mining Events add-on 10 Million Events per Annum                                                                                                                       | D09X1ZX | 99.240,84  | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support 12 Months                                      | D0BYZZX | 99.138,19  | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Explorer Modernization Resource Value Unit Subscription License Upgrade                                                                                             | D28SMLL | 99.064,44  | Upgrade                   |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Development Edition Instance per Month                                                                                                           | D1SQ7LL | 98.867,79 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition Modernization Virtual Processor Core from Informix Enterprise Edition 1 VPC Trade Up License + Subscription & Support 12 Months                     | D03RVZX | 98.849,08 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition Modernization Virtual Processor Core from Informix Enterprise Edition 70 PVU Trade Up License + Subscription & Support 12 Months                    | D03RWZX | 98.849,08 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | Open XL Fortran for AIX Concurrent User from Open XL Fortran for AIX Authorized User Trade Up License + SW S&S 12 Months                                                            | D0CNXLL | 98.849,08 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event Capacity Increase of 2.5K EPS Failover Install Annual SW Subscription & Support Renewal                                                              | E0G2ULL | 98.772,30 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Professional Edition Resource Value Unit Monthly License 12 Months                                                                                    | D1DC1LL | 98.346,59 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Production Source Connection per 5 Connections SW Subscription & Support Reinstatement 12 Months                                                      | D0ZYLL  | 98.072,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator AddOn for File Gateway Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months | D26QNLL | 98.072,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                                | E0QNILL | 98.072,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Facilities Manager Concurrent User License + SW Subscription & Support 12 Months                                                                                        | D0N6NLL | 98.072,18 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Real Estate Manager Concurrent User License + SW Subscription & Support 12 Months                                                                                       | D0N6JLL | 98.072,18 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Operations Manager Concurrent User License + SW Subscription & Support 12 Months                                                                              | D0N6ULL | 98.072,18 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak System Software Suite from IBM Cloud Pak Software Virtual Processor Core Trade Up Lic + Subscr and Support 12 Months                                                  | D26V3LL | 97.928,09 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Capacity Increase 50K to 100K FPM Install Annual SW Subscription & Support Renewal                                                                    | E0G36LL | 97.928,09 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Science and MLOps Express Unrestricted Add-on Non-Production Install Monthly License                                                                                       | D0D65ZX | 97.821,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations Center for Emergency Management Standard User on Cloud Concurrent User Overage                                                                           | D1JEMLL | 97.821,36 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Inventory Visibility Hundred Thousand Order Lines Advanced Support per Annum                                                                          | E0E5ZZX | 97.748,52 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera faspex Application Install License + SW Subscription & Support 12 Months                                                                                                 | D1A25LL | 97.539,18 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Shares Application Install License + SW Subscription & Support 12 Months                                                                                                 | D1DLGLL | 97.539,18 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Netherlands Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                          | D05GDZX | 97.539,18 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Netherlands Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E05GEZX | 97.539,18 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Gold Concurrent User Annual SW Subscription & Support Renewal                                                                                | E0I33LL | 97.539,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data 10 Thousand Monthly Active Users Annual SW Subscription & Support Renewal 12 Months                 | E0QJVLL | 97.539,18 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Non Production Reserved Install Subscription License                                                                       | D0D5MZX | 97.194,30 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Science and MLOps Express Non-Production Install Subscription License                                                                                | D0D5SZX | 97.194,30 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption on SAP HANA per Resource Value Unit (MVS) SW Subscription & Support Renewal 12 Months                  | E0R30LL | 97.140,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption on Teradata per Resource Value Unit (MVS) SW Subscription & Support Renewal 12 Months                  | E0R2ZLL | 97.140,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 10 Gbps Install Annual SW Subscription & Support Renewal                                                                                  | E04FNZX | 97.006,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Security Verify Privilege Vault Replication On-Premises Install License + SW Subscriptn and Support 12 Months                                    | D28Z6LL | 96.910,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault Engines On-Premises Install License + SW Subscription and Support 12 Months                                               | D28IILL | 96.910,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault Sites On-Premises Install License + SW Subscription and Support 12 Months                                                 | D28IELL | 96.910,87 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Software Professional Edition for Red Hat OpenShift Resource Value Unit Monthly License                                         | D26RZLL | 96.910,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog PayGo Enterprise Bundle Instance Pay per Use                                                                                     | D09ZZZX | 96.765,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One Software 21XX Failover Install SW Subscription & Support Reinstatement 12 Months                                   | D0YMVLL | 96.603,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM STERLING FILE GATEWAY ADDON FOR B2BI ENTERPRISE EDITION FOR RED HAT OPENSIFT VIRTUAL PROCESSOR CORE TRADE UP                                              | D09Z5ZX | 96.473,18 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Session Per Simultaneous Session from Competitive Trade Up License + SW S&S 12 Months                                                    | D15HPLL | 96.408,37 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise 10 Gbps Install Monthly License                                                                                                         | D04F7ZX | 96.193,01 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Management Software Enterprise Edition for Red Hat OpenShift Resource Value Unit Subscription License                                      | D28LPLL | 96.193,01 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 2 Disaster Recovery Reserved 1H 100000 Managed Virtual Server Extended Support Subscription License                            | X09LFZX | 95.940,18 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM FCI Cartridge for IBM Cloud Pak for Data for Non-Production Environment Reserved Install Subscription License                                             | D09M4ZX | 95.940,18 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Rapid Network Automation Process License + Software Subscription and Support 12 Months                                                                    | D0FN4ZX | 95.940,18 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Operations Dashboard Single Gateway Application instance Annual SW Subscription & Support Renewal 12 Months                                                                                                                 | E0MPZLL | 95.865,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 250 Remote/Branch Configuration Source Install Annual SW Subscription & Support Renewal                                                                                                            | E0G40LL | 95.865,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Qradar SIEM Event Processor 16XX Failover Install Annual SW Subscription & Support Renewal                                                                                                                                   | E0G1HLL | 95.865,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Qradar SIEM Flow Processor 17XX Failover Install Annual SW Subscription & Support Renewal                                                                                                                                    | E0G1JLL | 95.865,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 5 Gbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                                                                                          | D04GMZX | 95.798,19 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Platinum Instance Advanced Support per Month                                                                                                                                                                                  | E0FZSZX | 95.758,74 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Viewer Terabyte SW S&S Reinstate 12 Mo                                                                                                                                                                       | D0D34ZX | 95.407,18 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted Advanced 2XLarge Paygo Instance Pay Per Use                                                                                                                                                                                | D1PW8LL | 95.245,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Geo-Replicated Disaster Recovery Node Dedicated Infrastructure 48.1000.10000 Instance Pay Per Use                                                                                                                        | D1XIDLL | 95.245,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager Container Edition for Distributed Platforms per Install Trade up from IBM Security Guardium Key Lifecycle Manager Basic Edition Trade Up License + SW Subscription & Support 12 Months        | D29HULL | 95.188,01 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                                                                           | E08GQZX | 95.188,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Plus Modernization Non-Production Virtual Processor Core from Information Server for Data Integration Non-Production 70 Processor Value Unit Trade Up License + Subscription & Support 12 Months                 | D03KNZX | 94.874,18 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS Transaction Gateway Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                                                         | D09XAZX | 94.341,18 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 for IBM Cloud Pak for Data Virtual Processor Core from IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Trade Up License + SW Subscription & Support | D08T2ZX | 94.341,18 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Modernization Virtual Processor Core SW Subscription and Support Renewal 12 Months                                                                                                                               | E03MWZX | 94.341,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Developer Edition Floating User Single Session SW Subscription & Support Reinstatement 12 Months                                                                                                         | D29K8LL | 94.341,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Composer Add On Authorized User License + SW Subscription & Support 12 Months                                                                                                     | D09P1LL | 94.341,18 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 500 Floating User Annual SW Subscription & Support Renewal                                                                                                                             | E012HLL | 94.341,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Inference Virtual Server Annual SW Subscription & Support Renewal 12 Months                                                                                                                                              | E048VZX | 94.341,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Reporting for Non Production Environment Install License Plus SW Subscription and Support 12 Months                                                                                                                           | D263ILL | 94.341,18 | Permanente com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data 100 Thousand Documents SW Subscription & Support Reinstatement 12 Months                           | D28X1LL | 94.341,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | MongoDB Enterprise Advanced with IBM Virtual Server INITL FT LIC+S&S 12 MO                                                                                              | D1ZYULL | 94.341,18 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption OVA with Live Data Transformation per Resource Value Unit SW Subscription & Support Reinstatement 12 Months      | D1V84LL | 94.283,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Architect for Compliance with IBM Security and Compliance Center Direct Engagement Pay per Use                                                          | D0GGZZX | 93.725,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Architect for Power Virtual Server on IBM Cloud Direct Engagement Pay per Use                                                                           | D0GH2ZX | 93.725,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Architect for Red Hat OpenShift and IBM Cloud Satellite Direct Engagement Pay per Use                                                                   | D0GH0ZX | 93.725,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Architect on IBM Cloud for Financial Services Direct Engagement Pay per Use                                                                             | D0GH3ZX | 93.725,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Architect on IBM Cloud for HPC Direct Engagement Pay per Use                                                                                            | D0GH4ZX | 93.725,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Architect on IBM Cloud for VMware Direct Engagement Pay per Use                                                                                         | D0GH5ZX | 93.725,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build on IBM Cloud for SRE Direct Engagement Pay per Use                                                                                                | D0GHDZX | 93.725,63 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Blackboard Ally Up to 1,000 Users Instance 3rd Party per Annum                                                                                                          | D1VBLL  | 93.719,16 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity 10K Flows Per Minute SW Subscription & Support Reinstatement 12 Months                                                               | D1RQBLL | 93.653,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Processor 16XX Install Annual SW Subscription & Support Renewal                                                                   | E0G1TLL | 93.653,37 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Accelerate on Cloud Performance Base 50TB per Instance Subscription per Month                                                                              | D1IYALL | 93.431,94 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise for Manufacturing Install SW Subscription & Support Reinstatement                                                                            | D0AU4ZX | 93.275,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                 | D09BTLL | 93.275,18 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months              | E072RLL | 93.275,18 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D09COLL | 93.275,18 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E072YLL | 93.275,18 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Analyzer Workbench Concurrent User License + SW Subscription & Support 12 Months                                                             | D0CYJLL | 93.275,18 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Concurrent User Annual SW Subscription & Support Renewal                                                                                                                          | E09R9LL | 93.275,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Session per Simultaneous Session Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                     | D12TJLL | 93.275,18 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Session per Simultaneous Session Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                  | E0J18LL | 93.275,18 | Temporária com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Advisor with Watson 100 Managed Virtual Servers per Annum                                                                                                                                       | D02MHZX | 93.271,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages New Client Setup on Cloud per Engagement One-Time Setup                                                                                                                                      | D1TFGLL | 93.271,50 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | Noname Advanced API Security for IBM Install Subscription License                                                                                                                                          | D0EU1ZX | 92.804,88 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core License + SW Subscription & Support 12 Months                                                              | D0C1JZX | 92.742,17 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 1 Gbps Non-Production Environment Install Annual SW Subscription & Support Renewal 12 Months                                                                      | E0KPELL | 92.742,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Edition for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                      | E0Q5ZLL | 92.742,17 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Reporting and Analytics Instance per Annum                                                                                                                                       | D17HFLL | 92.525,28 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Warehouse Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + Software Subscription and Support 12 Months                                                                        | D0AFLZX | 92.209,17 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Enterprise Edition Connector Relational Databases Authorized Connector SW Subscription & Support Reinstatement 12 Months                                                               | D54TTLL | 92.137,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Gateway Manager Server Install License + SW Subscription & Support 12 Months                                                                                                       | D6DCZLL | 92.137,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Floating User License + SW Subscription & Support 12 Months                                                                                                                   | D56Z5LL | 92.137,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Speech Services Cartridge for IBM Cloud Pak for Data for Non-Production Environment Additional Capacity 8 Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months             | E0QJQLL | 92.137,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Insurance Business Vocabulary, Extra Large Instance per Month                                                                                                                                    | D1SR6LL | 92.027,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Guided Compass for Watson Supply Chain-Choice-Engagement per Month                                                                                                                                     | D00MMZX | 92.027,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Small Redeployment Engagement Set Up                                                                                                                                                  | D1NT5LL | 92.027,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Noname Advanced API Security as a Service for IBM Instance per Month                                                                                                                                       | D0EUDZX | 92.027,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Enterprise Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support 12 Months                                                            | E0528ZX | 92.018,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition Modernization Virtual Processor Core Annual SW Subscription & Support 12 Months                                                                                                   | E03PTZX | 91.526,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Floating User Single Install Trade Up from Eng Test Quality Professional Floating User Single Install License + SW Subscription & Support 12 Months | D110KLL | 91.526,93 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud 10 Terabytes License + SW Subscription & Support 12 Months                                                                                                        | D1VNILL | 91.526,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud on AWS 10 Terabytes License + SW Subscription & Support 12 Months                                                                                                 | D22TPLL | 91.526,93 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud on Azure 10 Terabytes LIC + SW S&S 12 MO                                                                                         | D08K1ZX | 91.526,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DevOps Model Architect Floating User SW Subscription & Support Reinstatement                                                                                          | D0FIJZX | 91.143,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Developer Network Advanced for Non-Production Install Initial Fixed Term License + SW Subscription & Support 12 Months                                         | D1F9DLL | 90.916,75 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Developer Network Advanced for Non-Production Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                      | E0L9HLL | 90.916,75 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Authorized User License + SW Subscription & Support 12 Months                                                               | D0P20LL | 90.916,75 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Virtual Data Pipeline Terabyte Trade Up from IBM InfoSphere Virtual Data Pipeline Workgroup Edition Terabyte License + SW Subscription & Support 12 months | D27RTL  | 90.916,75 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Standard Edition for Non-Production Environment Install License + SW Subscription & Support 12 Months                                                       | D25VBLL | 90.916,75 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Change Management Solution Enterprise Edition Floating User License + SW Subscription & Support 12 Months                                          | D5319LL | 90.916,75 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 50 Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                               | D59T2LL | 90.916,75 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer for WebSphere Software Floating User Single Install SW Subscription & Support Reinstatement 12 Months                            | D0PVZLL | 90.916,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Essential Management for IBM Cloud Pak for Data - Fully Managed Add Backup Instance per Annum                                                             | D09SXZX | 90.820,80 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 100 Mbps Install Annual SW Subscription & Support Renewal                                                                                           | E04DRZX | 90.306,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 300 Mbps Install Annual SW Subscription & Support Renewal 12 Months                                                              | E0KM4LL | 90.306,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Pack for SAP Applications for Non-Production Environments Install Annual SW Subscription & Support Renewal                              | E0DACLL | 90.306,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Pack for SAP BW for Non-Prod Environments Server Annual SW Subscription & Support Renewal                                               | E0334LL | 90.306,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                            | D1SD1LL | 90.306,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                              | D1Q7ELL | 90.306,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                           | D1R6ULL | 90.306,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                | D1QAILL | 90.306,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Quick Report Standard Edition Server SW Subscription & Support Reinstatement 12 Months                                                           | D60U1LL | 90.306,57 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Premium Small paygo Per Instance pay per use with Support                                                                             | D1TU0LL | 90.179,25 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar SOAR Premium Starter Service Engagement Remotely Delivered SW Services                                               | D02TRZX | 90.162,45 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Pack for SAS for Non-Production Environments per Install License + SW Subscription & Support 12 Months          | D0CZGLL | 89.696,40 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Publisher Floating User Single Install Annual SW Subscription & Support Renewal            | E07RNLL | 89.696,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 100 Floating User Initial Fixed Term License + SW Subscription & Support 12 Months    | D0BGQLL | 89.696,40 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 100 Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months | E07ZMLL | 89.696,40 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Agile Service Manager Smart Meters 250000 Managed Client Device Monthly License                           | D1TL6LL | 89.669,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Account Lifecycle Manager Engines On-Premises Install SW S&S REINSTATE 12 MO                               | D06SUZX | 89.669,58 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Non-Production Environment Silver 2.0 per Instance per Month                                                | D1NQWLL | 89.540,64 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak System Software Virtual Processor Core License + SW Subscription & Support 12 Months                                       | D26UULL | 89.228,80 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations Center for Emergency Management Standard User on Cloud Concurrent User per Month                              | D1JELLL | 89.042,52 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Speech to Text Cartridge for IBM Cloud Pak for Data 500000 Monthly Minutes Subscription License                               | D29CPLL | 89.014,43 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Text to Speech Cartridge for IBM Cloud Pak for Data 2500000000 Monthly Characters Subscription License                        | D29CXLL | 89.014,43 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Small and Medium Enterprise Edition Install Annual SW Subscription & Support Renewal                               | E0632LL | 89.011,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Standard Edition for Non-Production Environment Install Annual SW Subscription & Support Renewal                   | E08C1LL | 89.011,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Developer Edition Authorized User License + SW Subscription & Support 12 Months                         | D0951LL | 89.011,17 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per Production Server for 2 LPARs Group P10 SW SUPPORT 12 MO                              | D1UQ8LL | 89.011,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per WAP extension Group P30 SW SUPPORT 12 MO                                              | D1UQMLL | 89.011,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Open XL CC++ for AIX Concurrent User Trade Up IBM_TO_IBM 1 TRDUP LIC + SW S&S 12 MO                                                      | D0CNWLL | 89.011,17 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas User Acceptance Test per Instance Per Month Subscription                                  | D1VGNLL | 88.918,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar on Cloud Deployment Service Engagement Set Up                                                                                 | D003TZX | 88.918,83 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network Packet Capture Software Install Annual SW Subscription & Support Renewal                                              | E0N24LL | 88.491,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event/Flow Processor Software 18XX Failover Install Annual SW Subscription & Support Renewal                    | E0G29LL | 88.491,38 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM COBOL for AIX Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                               | D06Q8LL | 88.476,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription and Support Renewal 12 Months                                | E035EZX | 88.476,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Authorized User License + SW Subscription & Support 12 Months                                           | D09P8LL | 88.476,04 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Authorized User License + SW Subscription & Support 12 Months                              | D09PCLL | 88.476,04 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer Single User Edition Client Device SW Subscription & Support Reinstatement 12 Months                                                      | D0TLHLL | 88.476,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Limited Use Socket from WebSphere Application Server 100 Processor Value Unit Trade up Lic + SW Subscription & Support 12 Months | D0GUWLL | 88.476,04 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud On Demand Consulting Migration Services Engagement Labor based per Month                                                    | D1LIVLL | 88.297,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud On-Demand Consulting Enterprise Engagement per Month                                                                        | D1I2LL  | 88.297,02 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM STERLING B2B INTEGRATOR ADDON FOR FILE GATEWAY ENTERPRISE EDITION FOR RED HAT OPENSIFT VIRTUAL PROCESSOR CORE TRADE UP                                        | D09Z3ZX | 87.945,17 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 500 Mbps Install License + SW Subscription & Support 12 Months                                                                                | D04GWZX | 87.865,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Container Edition for Non-Production Environment Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months               | E0R5ULL | 87.865,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure File Transfer Container Edit with RH OpenShift for Non Prod Virtual Processor Core Annual SW S&S Rnwl                                         | E06AAZX | 87.865,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks Capacity Edition Virtual Processor Core Trade Up from IBM Cloud Object Storage Terabyte                                      | D08ZRZX | 87.865,85 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Platinum 2.0 Instance Advanced Support per Month                                                                                                 | E0DVXZX | 87.675,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Test Pack Virtual Testers 10000 Floating User Monthly License                                                                            | D1BFDLL | 87.578,71 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Advanced Non-Prod Certified Container Virtual Processor Core Software Subscription & Support Reinstatement 12 Months                  | D08CFZX | 87.255,67 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Jump Start RDS Engagement                                                                                                     | D01Y8ZX | 87.161,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Accelerator Remotely Delivered Service                                                                                | D01Y9ZX | 87.161,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage on Cloud with High Availability Medium paygo Per Instance pay per use w/Support                                                                     | D1TX1LL | 87.139,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Integration Environment-Resource Instance Pay per Use                                                                         | D045BZX | 87.053,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Integration Environment-Resource-Instance per Month                                                                           | D1SPGLL | 87.053,40 | Saas                      |

|      |    |                                                |      |      |                                                                                                                                                                                                     |         |           |                           |
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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Test Environment-Resource Instance Pay Per Use                                                                                                                  | D045DZX | 87.053,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Test Environment-Resource-Instance per Month                                                                                                                    | D1SPHLL | 87.053,40 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per Additional LPAR Group P40 SW SUPPORT 12 MO                                                                                                       | D1UQHLL | 86.879,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Floating User Single Install License + SW Subscription & Support 12 Months                                                                     | D087WLL | 86.879,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Mid-Range Image Import Server SW Subscription & Support Reinstatement 12 Months                                                                                                         | D04G0LL | 86.879,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Databases Resource Value Unit (MVS) SW Subscription & Support Reinstatement 12 Months                                                                     | D1NE4LL | 86.879,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Virtualize Virtual Processor Core SW S&S REINSTATE 12 MO                                                                                      | D08TUZX | 86.879,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio Persona IQ Application instance Annual SW S&S Rnwl                                                                                                                                            | E08XTZX | 86.879,16 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Controller Enterprise Edition Install Monthly License                                                                                                                                    | D17LFLL | 86.860,85 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Professional Authorized User License + SW Subscription & Support 12 Months                                                                                                      | D0EJWLL | 86.645,49 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager on Cloud Accelerator per Engagement Setup                                                                                                                                          | D1R2KLL | 86.431,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager on Cloud Jump Start per Engagement Set Up                                                                                                                                          | D1R2HLL | 86.431,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Accelerator per Engagement                                                                                                                                     | D1QE7LL | 86.431,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Jump Start per Engagement                                                                                                                                      | D1QE6LL | 86.431,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand on Cloud Accelerator per Engagement Setup                                                                                                                              | D1R2DLL | 86.431,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand on Cloud Jump Start per Engagement Set Up                                                                                                                              | D1R2CLL | 86.431,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap on Cloud Accelerator per Engagement Setup                                                                                                                                               | D1R2LLL | 86.431,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap on Cloud Jump Start per Engagement Set Up                                                                                                                                               | D1R2ILL | 86.431,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Custom Cloud Operations on Cloud Engagement Remotely Delivered Service -- Non-Distinct                                                                                                | D01VAZX | 86.431,59 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM BigInsights BigIntegrate Virtual Server Annual SW Subscription & Support Renewal 12 Months                                                                                                      | E0LXULL | 86.346,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Starter Edition for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                                              | D0ZYTL  | 86.346,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Mart Pattern for Non Production Environment Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                               | D0LJLLL | 86.346,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Floating User License + SW Subscription & Support 12 Months                                                                                    | D09LELL | 86.346,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Floating User Single Install from Rational Rose Modeler Floating User Trade Up License + SW Subscription & Support 12 Months | D0CA5LL | 86.346,16 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Architect Floating User License + SW Subscription & Support 12 Months                                                                                                           | D56SMLL | 86.346,16 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Architect zSeries Floating User License + SW Subscription & Support 12 Months                                                                       | D59ETLL | 86.346,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Add-on for FIPS Install License + SW Subscription & Support 12 Months                                                                       | D0J5YLL | 86.346,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on for FIPS Install License + SW Subscription & Support 12 Months                                                                         | D0J5ULL | 86.346,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transactional Database Pattern for Non Production Environment Virtual Server SW Subscription & Support Reinstatement 12 Months                                      | D0LJLL  | 86.346,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Authorized User Value Unit License + SW Subscription & Support 12 Months                                                                   | D0H4ILL | 85.813,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal                                           | E03FUZX | 85.813,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Web Services/IDM Toolkit Client Device License + SW Subscription & Support 12 Months                                                         | D04CBLL | 85.813,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Authorized User Single Install from Preformance Tester Authorized User Single Instal Trade Up License + SW Subscription & Support 12 Months | D0PSBLL | 85.813,16 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | Open XL CC++ for AIX Concurrent User Trade Up IBM_TO_IBM 1 TRDUP LIC + SW S&S 12 MO                                                                                     | D222JLL | 85.813,16 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Incident Forensics Software Install Monthly License                                                                                                 | D18JBLL | 85.801,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Incident Forensics Standalone Software Install Monthly License 12 Months                                                                            | D1FSMLL | 85.801,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Jump Start Engagement Set Up                                                                                                                     | D1JTBL  | 85.680,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 45 Mbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                     | D04EDZX | 85.280,16 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Workgroup Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support 12 Months                                | D03V8ZX | 85.280,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Virtual Data Pipeline Terabyte SW Subscription & Support Reinstatement 12 Months                                                                         | D2259LL | 85.280,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages SDI Connector for UCF Common Controls Hub per Application SW Subscription & Support Reinstatement 12 Months                                               | D1TDELL | 85.280,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF RTM Server Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                 | E02YRZX | 85.280,16 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF RTM Sever Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                                     | D02YLZX | 85.280,16 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Analytic Server Virtual Server License + SW Subscription & Support 12 Months                                                                                   | D1TR7LL | 85.280,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity 100 Events per Second License + SW Subscription & Support 12 Months                                                                  | D1RNKLL | 85.264,98 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Console Software 31XX Failover Install Annual SW Subscription & Support Renewal                                                                | E0G23LL | 85.264,98 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Announcements for Salesforce Install License + SW Subscription & Support 12 Months                                                                                  | D0EZ9ZX | 84.747,16 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Recovery Feature Virtual Processor Core SW Subscription & Support Reinstatement 12 Months        | D1MTSLL | 84.747,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Events for Salesforce Install SW Subscription & Support Reinstatement 12 Months                               | D0EFZFX | 84.747,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Ideas for Salesforce Install SW Subscription & Support Reinstatement 12 Months                                | D0EZNZX | 84.747,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Job Board for Salesforce Install SW Subscription & Support Reinstatement 12 Months                            | D0EZSZX | 84.747,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Learning Adventure for Salesforce Install SW Subscription & Support Reinstatement 12 Months                   | D0F00ZX | 84.747,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maps for Salesforce Install License + SW Subscription & Support 12 Months                                     | D0F02ZX | 84.747,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Member Onboarding for Salesforce Install SW Subscription & Support Reinstatement 12 Months                    | D0F08ZX | 84.747,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM News for Salesforce Install SW Subscription & Support Reinstatement 12 Months                                 | D0F0CZX | 84.747,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Catalog for Salesforce B2B Commerce Install SW Subscription & Support Reinstatement 12 Months         | D0F0KZX | 84.747,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Catalog for Salesforce Install SW Subscription & Support Reinstatement 12 Months                      | D0F0GZX | 84.747,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Reviews and Ratings for Salesforce Install SW Subscription & Support Reinstatement 12 Months                  | D0F0PZX | 84.747,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Gold Keyless Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months    | D10MSLL | 84.747,16 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Gold Keyless Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0I2SLL | 84.747,16 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Video for Salesforce Install License + SW Subscription & Support 12 Months                                    | D0F0VZX | 84.747,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM View for Salesforce Install SW Subscription & Support Reinstatement 12 Months                                 | D0F11ZX | 84.747,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant for Salesforce Install License + SW Subscription & Support 12 Months                         | D0F13ZX | 84.747,16 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise 25 Million Monthly API Calls Monthly License                                           | D1LLWLL | 84.653,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations for Water Premium User on IBM SmartCloud Concurrent User per Month                     | D0V9TLL | 84.566,16 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for CrawfordTech Riptide ePresentment Server SW Support 12 Months                               | D1BV4LL | 84.214,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Recovery Expert Virtual Processor Core License + SW Subscription & Support 12 Months                      | D07YEZX | 84.204,78 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Toolkit Client Device SW Subscription & Support Reinstatement 12 Months                | D04JLLL | 84.204,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Concurrent User Trade Up from 3 Maximo Asset Management Limited User                  | D1SVVLL | 84.204,78 | Upgrade com Manutenção    |



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| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Internal Service Providers Install SW Subscription & Support Reinstatement 12 Months                                                                        | D04Y3LL | 84.204,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Mega per Resource Value Unit from IBM Sterling Order Management Store Edition Medium Trade Up License + SW Subscription & Support 12 Months | D103SLL | 84.204,78 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Standard Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support 12 Months                                                      | D03GCZX | 83.594,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Publishing Floating User from Authorized User Trade Up License + SW Subscription & Support 12 Months                                             | D09QTLL | 83.594,60 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Information Server Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                    | E034YZX | 83.594,60 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                          | D1R7CLL | 83.594,60 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                               | D0PS1LL | 83.594,60 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                            | E0DTMLL | 83.594,60 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Client Authorized User Annual SW Subscription & Support Renewal                                                                                | E0I5LLL | 83.594,60 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Viewer 500 Authorized Users per Annum                                                                                                                                | D157DLL | 83.571,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AI Decision Coordination - Dispatch Hundred Thousand API Calls Monthly                                                                                                              | D0A39ZX | 83.398,98 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Governance Express Non Production Reserved Install Subscription License                                                                                                        | D0D3KZX | 83.398,98 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Governance Express Non-Production Install Subscription License                                                                                                                 | D0D3QZX | 83.398,98 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity 500 Events Per Second Annual SW Subscription & Support Renewal 12 Months                                                                             | E0NBELL | 83.329,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity 500 Events Per Second Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months                               | D1S1RLl | 83.329,38 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 1 Gbps Install SW Subscription & Support Reinstatate 12 Months                                                                                                      | D04FKZX | 82.984,42 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Hybrid Data Management Platform On-premises VPC Option Virtual Processor Core Annual SW Subscription & Support Renewal                                                              | E0P4ULL | 82.984,42 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Explorer Install Annual SW Subscription & Support Renewal 12 Months                                                                                                    | E02ZIZX | 82.984,42 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One 31XX Failover Install Annual SW Subscription & Support Renewal                                                                                      | E0G1DLL | 82.591,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Team Management Add-On per User Value Unit (Authorized User) SW Subscription & Support Reinstatement 12 Months                                                 | D22P5LL | 82.591,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Modernization for IBM Cloud Pak for Data Virtual Processor Core Trade Up from IBM Product Master for Non Financial Services 10 RVU                                   | D05SYZX | 82.374,24 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Modernization for IBM Cloud Pak for Data Virtual Processor Core Trade Up from IBM Product Master for Financial Services 2 RVU                                         | D05SXZX | 82.374,24 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                             | E09J3LL | 82.374,24 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Supply Chain EDI for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                | D26SFLL | 82.374,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for FIX per Application instance Annual SW Subscription & Support Renewal                                                                               | E04POLL | 82.374,24 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data Virtual Processor Core Monthly License                                                                                                | D296LLL | 82.144,86 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Dev and Test for zOS Resource Value Unit Annual SW Subscription & Support Renewal                                                                                            | E09HIZX | 82.082,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | QR VUL AND RISK MGR LNX IBMZ INS SW S&S REINSTATE 12 MO                                                                                                                                  | D28R0LL | 81.854,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | QR VUL AND RISK MGR PER INS SW S&S REINSTATE 12 MO                                                                                                                                       | D28QJLL | 81.854,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Business Automation Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                           | D20RVLL | 81.764,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Production Server Connection per Connection License + SW Subscription & Support 12 Months                                                                      | D0ZZMLL | 81.764,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Authorized User from Rational Rose Modeler Authorized User Trade Up License + SW Subscription & Support 12 Months | D0C9ZLL | 81.764,05 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Express Edition CPU Option Limited Use Virtual Server License + SW Subscription & Support 12 Months                                                                         | D0A2NLL | 81.764,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                                   | D533FLL | 81.764,05 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Floating User from Rose Developer Unix Floating User Trade Up License + SW Subscription & Support 12 Months                             | D533ELL | 81.764,05 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Floating User from Rose Technical Developer Authorized User Trade Up License + SW Subscription & Support 12 Months                      | D53R2LL | 81.764,05 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test RealTime Floating User SW Subscription & Support Reinstatement 12 Months                                                                                               | D52ZCLL | 81.764,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Deployment Manager Concurrent User SW Subscription & Support Reinstatement 12 Months                                                      | D0EJ2LL | 81.764,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Sterling File Gateway Standard for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                          | D1FPNLL | 81.764,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Tivoli Composite Applications for Application Diagnostics Resource Value Unit License + SW Subscription & Support 12 Months                                                   | D0ICKLL | 81.764,05 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise 5 Gbps Install Monthly License                                                                                                                                     | D04EMZX | 81.517,80 | Saas                      |

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| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data for Planning Analytics Advanced Reserved Virtual Processor Core Subscription License                                                                         | D09P6ZX | 81.517,80 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Modernization Reserved Authorized User Subscription License                                                                                         | D09K0ZX | 81.517,80 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Non-Production Environment Gold 2.0 per Instance per Month                                                                                                         | D1NQULL | 81.457,11 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage on Cloud Premium Medium per instance Subscription per Month w/Support                                                                                                 | D1TQDLL | 81.457,11 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Document Archive Retrieval Transport Server Annual SW Subscription & Support Renewal                                                                                    | E0518LL | 81.153,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Perform Trusteer Advanced Fraud Services Engagement per Annum                                                                                                       | D01N6ZX | 81.150,75 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar High Availability Software Install License + SW Subscription & Support 12 Months                                                                                         | D1RS0LL | 81.117,09 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Enterprise with Data Isolation Instance Pay per Use                                                                                                            | D040DZX | 81.060,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for Non-Referenced Programs via REST APIs Resource Value Unit (RVU) Monthly License 12 Months                                                   | D224ILL | 80.890,74 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Business 10 Client Devices per Annum                                                                                                                    | D1WG7LL | 80.586,60 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Retail 100 Client Devices per Annum                                                                                                                     | D1WG3LL | 80.586,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Watson Studio Premium Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                              | E0QIQLL | 80.543,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Availability - Db2 Database Virtual Processor Core License + SW Subscription & Support 12 Months                                                           | D24PCLL | 80.543,70 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Modernization Non Production Virtual Processor Core from Infosphere DataStage 70 PVUs Non Production Trade Up License + Subscription and Support 12 Months | D03N8ZX | 80.543,70 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition VPC Option Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                       | E0Q5ULL | 80.543,70 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Exp Labs - IBM Cloud Pak for Business Auto One Week Soln Arch-Non-Saas Engagement Remotely Delivered SW Services                                                                | D02D7ZX | 80.325,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Exp Labs - IBM Cloud Pak for Integration One Week Soln Arch-Non-Saas Engagement Remotely Delivered SW Services                                                                  | D02DBZX | 80.325,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Exp Labs - IBM Cloud Pak for Watson AIOps One Week Soln Arch-Non-Saas Engagement Remotely Delivered SW Services                                                                 | D02D3ZX | 80.325,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Exp Labs - IBM WebSphere Hybrid Edition One Week Soln Arch-Non-Saas Engagement Remotely Delivered SW Services                                                                   | D02CZZX | 80.325,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak for Network Automation One Week Solution Architecture - Non-Saas Engagement Remotely Delivered SW Services                                              | D06WXZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak for Network Automation One Week Solution Architecture - Saas Engagement Remotely Delivered Service                                                      | D06XWZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak System One Week Solution Architecture - Non-Saas Engagement Remotely Delivered SW Services                                                              | D06XMZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak System One Week Solution Architecture - Saas Engagement Remotely Delivered Service                                                                      | D06XRZX | 80.325,00 | Permanente com Manutenção |

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| Real | 12 |  | PPA | 7831 | IBM Expert Labs - IBM Cloud Pak for Watson AIOps One Week Solution Architecture - Saas Engagement Remotely Delivered Service | D06X6ZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Analytics & Cognos - Non-Saas Engagement Remotely Delivered SW Services                               | D06V7ZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Analytics & Cognos - Saas Engagement Remotely Delivered Service                                       | D06S7ZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Customer Care - Non-Saas Engagement Remotely Delivered SW Services                                    | D06ZIZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Customer Care - Saas Engagement Remotely Delivered Service                                            | D06ZVZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Data Exchange - Non-Saas Engagement Remotely Delivered SW Services                                    | D06VCZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Data Exchange - Saas Engagement Remotely Delivered Service                                            | D06VGZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Data Fabric - Non-Saas Engagement Remotely Delivered SW Services                                      | D06WAZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Data Fabric - Saas Engagement Remotely Delivered Service                                              | D06XEZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Data Integration - Non-Saas Engagement Remotely Delivered SW Services                                 | D06ZEZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Data Integration - Saas Engagement Remotely Delivered Service                                         | D06ZRZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Data Science - Non-Saas Engagement Remotely Delivered SW Services                                     | D06ZAZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Data Science - Saas Engagement Remotely Delivered Service                                             | D06ZMZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Databases - Non-Saas Engagement Remotely Delivered SW Services                                        | D06W5ZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Databases - Saas Engagement Remotely Delivered Service                                                | D06U7ZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess ELM - Non-Saas Engagement Remotely Delivered SW Services                                              | D06YGZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess ELM - Saas Engagement Remotely Delivered Service                                                      | D06YKZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Environmental Intelligence Suite - Saas Engagement Remotely Delivered Service                         | D06YAZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Environmental Intelligence Suite Non-Saas Engagement Remotely Delivered SW Services                   | D06Y5ZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Maximo - Non-Saas Engagement Remotely Delivered SW Services                                           | D06YQZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess Maximo - Saas Engagement Remotely Delivered Service                                                   | D06YUZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Assess OpenPages - Non-Saas Engagement Remotely Delivered SW Services                                        | D06V5ZX | 80.325,00 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Assess OpenPages - Saas Engagement Remotely Delivered Service                                                                             | D06S4ZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Assess Supply Chain - Non-Saas Engagement Remotely Delivered SW Services                                                                  | D06VQZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Assess Supply Chain - Saas Engagement Remotely Delivered Service                                                                          | D06VUZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Assess TRIRIGA - Non-Saas Engagement Remotely Delivered SW Services                                                                       | D06WMZX | 80.325,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Assess TRIRIGA - Saas Engagement Remotely Delivered Service                                                                               | D06XAZX | 80.325,00 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Dedicated Runtimes 64GB Capacity Instance per Month                                                                                             | D1LGWLL | 79.812,13 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-In-One Software 21XX Failover Install Annual SW Subscription & Support Renewal                                               | E0G1ZLL | 79.642,24 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Accelerate on Cloud Capacity Base 50TB per Instance Subscription per Month                                                                   | D1IYDLL | 79.636,62 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Management Software Professional Edition for Red Hat OpenShift Resource Value Unit Subscription License                                | D28LXLL | 79.636,62 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Managed 5G DED Link with10G GTWY CONN Connection Overage                                                             | D09XKZX | 79.591,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Water Operations for Waternamics Standard User on Cloud Concurrent User Per Month                                                                     | D0078ZX | 79.591,68 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server Clustered 1Gbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months              | D1Y9CLL | 79.417,15 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise Virtual Processor Core SW Subscriptn & Supt Reinstatement 12 Months                                           | D27V3LL | 79.417,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Floating User Single Install license + SW Subscription & Support 12 Months                     | D0C29LL | 79.417,15 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Data Archive Solution Server Annual SW Subscription & Support Renewal                                                          | E0549LL | 79.417,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Workgroup Edition CPU Option Virtual Processor Core License + SW Subscription & Support 12 Months                                            | D229KLL | 79.417,15 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for SAP Applications for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months | D26SSLL | 79.417,15 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Video Logistics Manager Premium for Hybrid Workflow Instance per Month                                                                          | D1PXALL | 78.969,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Application Instance Add-on Application instance per Month                                                           | D01YVZX | 78.969,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas VPN One-Time Setup per Connection                                                                          | D1VGHLL | 78.969,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer New Account Fraud for Business Overage 10 API Calls Overage                                                                                  | D1VIQLL | 78.969,87 | Saas                      |

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| Real | 12 |  | PPA | 7831 | IBM Cognos PowerPlay Administrator Authorized User License + SW Subscription & Support 12 Months                                                                     | D08YPLL | 78.884,15 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Content Manager Enterprise Edition for Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                  | D294FLL | 78.884,15 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Content Manager OnDemand for i Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                          | D2947LL | 78.884,15 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Content Manager OnDemand Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                | D293ZLL | 78.884,15 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Engineering Systems Design Rhapsody TestConductor Add On Floating User Single Install License + SW Subscription & Support 12 Months                              | D09PZLL | 78.884,15 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere Optim Data Privacy Workgroup Edition Accelerator Oracle Applications Terabyte Annual SW Subscription & Support Renewal                                | E0EN0LL | 78.884,15 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Robotic Process Automation Environment Virtual Server License + SW Subscriptn and Support 12 Months                                                              | D29B6LL | 78.884,15 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Watson Explorer Deep Analytics Edition Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                 | E0PPNLL | 78.884,15 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM SVC for XIV Software 3TB drives Storage Device Annual SW Subscription & Support Renewal                                                                          | E0DA7LL | 78.713,16 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Security QRadar Log Manager All-in-One 31XX Install Annual SW Subscription & Support Renewal                                                                     | E0G1PLL | 78.680,16 | Manutenção após Vigência  |
| Real | 1  |  | PPA | 7831 | IBM Data Science and MLOps Express Unrestricted Add-on Non-Production Install Subscription License                                                                   | D0D66ZX | 78.382,50 | Assinatura                |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Germany Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months       | D05C9ZX | 78.351,15 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Germany Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months    | E05CAZX | 78.351,15 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Italy Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months         | D05E7ZX | 78.351,15 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Italy Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months      | E05E8ZX | 78.351,15 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM PL/I for AIX Concurrent User SW Subscription & Support Reinstatement                                                                                             | D0JX2LL | 78.351,15 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Standard Edition for Non-Production Environment Install Annual SW Subscription & Support Renewal     | E0BWNLL | 78.351,15 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Sterling Control Center Monitor for B2Bi and SFG Enterprise for Red Hat OpenShift Virtual Processor Core (VPC) SW Subscription & Support Reinstatement 12 Months | D27JBLL | 78.351,15 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM SVC Real Time Compression Virtual Processor Core SW S&S REINSTATE 12 MO                                                 | D08UBZX | 78.351,15 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Advanced Certified Container Virtual Processor Core Trade Up                                                                                   | D09Y4ZX | 78.351,15 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Application Encryption per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                 | D1V8CLL | 78.282,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                               | D1Q2FLL | 78.282,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Tokenization per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                           | D1V8ALL | 78.282,44 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ILOG CPLEX Optimization Studio Project Edition Install Monthly License                                                                                                 | D22WJLL | 78.246,55 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 10K Flows Per Minute License + SW Subscription & Support 12 Months                                                | D1RR5LL | 78.167,38 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Non-Production 10K Flows Per Minute License + SW Subscription & Support 12 Months                                                   | D20N6LL | 78.167,38 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM BigInsights BigQuality Virtual Server Annual SW Subscription & Support Renewal 12 Months                                                                               | E0LY2LL | 77.818,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Standard Edition VPC Option Virtual Processor Core License + SW Subscription & Support 12 Months                                                                   | D233RLL | 77.818,15 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Digital Commerce-AddOn-CPQ Instance One Time Set Up                                                                                                                    | D00K7ZX | 77.726,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud for US Federal (TRIRIGA) FedRamp High Add-On,Instance Per Month                                                         | D1WVWLL | 77.726,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption Resource Value Unit (MVS) Trade-up from Eligible PVU Program Trade Up License + SW Subscription & Support 12 Months | D05LPZX | 77.715,34 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Build Forge Enterprise Edition Server Monthly License                                                                                                         | D1BHELL | 77.528,70 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Authorized User SW Subscription & Support Reinstatement 12 Months                                                                              | D0EJMLL | 77.492,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Applications Limited Edition Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                    | D26FQLL | 77.285,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Applications Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                    | D24XKLL | 77.285,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX User Based Limited Use Edition Floating User Single Session Annual SW Subscription & Support Renewal                                                        | E0DJMLL | 77.285,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Option for IDS Workgroup Edition Limited Use Socket SW Subscription & Support Reinstatement 12 Months                                    | D0BNILL | 77.285,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Option for IDS Workgroup Edition Limited Use Socket SW Subscription & Support Reinstatement 12 Months                                         | D0BNGLL | 77.285,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure Proxy for Red Hat OpenShift Virtual Processor Core Software Subscription & Support Reinstatement 12 Months                                             | D27F8LL | 77.285,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise for Non-Production Environment Install Annual SW Subscription & Support Renewal                                    | E0IATLL | 77.285,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Hybrid Edition Virtual Processor Core SW Subscriptn & Supt Reinstatement 12 Months                                                                           | D299NLL | 77.285,15 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Expert Essentials Basic Engagement per Annum                                                                                                                  | D02LZZX | 76.879,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise 10 GBPS for Cloud Pak Integration Install Subscription                                                                                               | D0537ZX | 76.810,84 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Accelerator or Oracle Applications Terabyte Monthly License                                                                                         | D1988LL | 76.810,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Advanced Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                                    | D03JKZX | 76.810,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Predictor Runtime Virtual Server Monthly License                                                                                                                                   | D0493ZX | 76.810,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data Non-Production Environment Install Monthly License                                                                             | D28XKLL | 76.810,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Option Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                       | D263ULL | 76.752,14 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Option Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                            | D263XLL | 76.752,14 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Option for IDS Workgroup Edition Limited Use Socket License + SW Subscription & Support 12 Months                                                                          | D0BNSLL | 76.752,14 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Extension Floating User Annual SW Subscription & Support Renewal                                                                                                    | E02BULL | 76.752,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Extension for Citrix Presentation Server Floating User Annual SW Subscription & Support Renewal                                                                     | E02BVLL | 76.752,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Extension for Siebel Test Automation Floating User Annual SW Subscription & Support Renewal                                                                         | E01TFLL | 76.752,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Extension for SOA Floating User Annual SW Subscription & Support Renewal                                                                                            | E03NDLL | 76.752,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Authorized User to IBM SPSS Statistics Professional Authorized User Trade Up Lic + Subscription and Support 12 Months                                                      | D27U9LL | 76.752,14 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Netezza Performance Server for IBM Cloud Pak for Data Virtual Processor Core SW S&S Reinstale 12 Mo                                                                                             | D0ALFZX | 76.692,53 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager Enterprise Edition on Cloud Platinum Instance Advanced Support per Month                                                                                                            | E0FZCZX | 76.482,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Professional Non Production Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                | D1SLQLL | 76.219,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Floating User Single Install Trade Up from ELMB Contributor Floating User Single Install License + SW Subscription & Support 12 Months       | D110LLL | 76.219,14 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Authorized User Single Install License + SW Subscription and Support 12 Months                                                            | D08RAZX | 76.219,14 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Authorized User from Ratl Rose Dev for Java or Rose for Visual Studio Trade Up License + SW Subscription & Support 12 Months | D0CA0LL | 76.219,14 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM STERLING FILE GATEWAY FINANCIAL ENTERPRISE CONTAINER EDITION FOR NON-PROD WITH RED HAT OPENSIFT VIRTUAL PROCESSOR CORE TRADE UP                                                                 | D09ZKZX | 76.219,14 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Copy Data Management 10 Managed Terabyte License + SW Subscription & Support 12 Months                                                                                                  | D1UBMLL | 76.219,14 | Permanente com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Expertise Connect for IBM Cloud Platform Direct Engagement Pay per Use                                                                             | D0GLWZX | 75.993,75 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Large Instance Pay Per Use                                                                                                                    | D20CALL | 75.993,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 TIBCO EMS Module Application instance License + SW Subscription & Support 12 Months                                                       | D1WMILL | 75.955,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Data Store Connection Annual SW Subscription & Support Renewal 12 Months                                                                       | E0P0DLL | 75.955,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity 25K Flows Per Minute Annual SW Subscription & Support Renewal 12 Months                                                         | E0NBZLL | 75.955,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity 25K Flows Per Minute Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months           | D1S25LL | 75.955,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Processor Software 16XX Failover Install Annual SW Subscription & Support Renewal                                            | E0H00LL | 75.899,24 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Endpoint 10Gbps Resource Value Unit Monthly License                                                                                 | D1W4VLL | 75.874,26 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM Cloud Pak for Data for Non-Production Environment 50 Concurrent Connections Subscription License      | D269CLL | 75.874,26 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM Cloud Pak for Data Non Production Environment Reserved 50 Concurrent Connections Subscription License | D09N5ZX | 75.874,26 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM CPD NP Env 50 Concurrent Connections                                                                  | D269DLL | 75.874,26 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | FieldFLEX Mobile for IBM TRIRIGA Saas - Kiosk 250 Items Overage                                                                                                    | D0408ZX | 75.860,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Water Operations for Waternamics Standard User on Cloud Concurrent User Overage                                                                                | D0079ZX | 75.860,82 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Data Exchange - Non-Saas Engagement Remotely Delivered SW Services                                                                            | D0G8JZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Data Exchange - Saas Engagement Remotely Delivered SW Services                                                                                | D0G9NZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Databases - Non-Saas Engagement Remotely Delivered SW Services                                                                                | D0GAKZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Databases - Saas Engagement Remotely Delivered SW Services                                                                                    | D0GBXZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Maximo - Non-Saas Engagement Remotely Delivered SW Services                                                                                   | D0G8MZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Maximo - Saas Engagement Remotely Delivered SW Services                                                                                       | D0G9MZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Supply Chain - Non-Saas Engagement Remotely Delivered SW Services                                                                             | D0G8IZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Supply Chain - Saas Engagement Remotely Delivered SW Services                                                                                 | D0G9LZX | 75.684,00 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Tririga - Non-Saas Engagement Remotely Delivered SW Services                                                                     | D0GF7ZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Tririga - Saas Engagement Remotely Delivered SW Services                                                                         | D0GF6ZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan watsonx.ai - Non-Saas Engagement Remotely Delivered SW Services                                                                  | D0GAPZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan watsonx.ai - Saas Engagement Remotely Delivered SW Services                                                                      | D0GC6ZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan watsonx.data - Non-Saas Engagement Remotely Delivered SW Services                                                                | D0GAVZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan watsonx.data - Saas Engagement Remotely Delivered SW Services                                                                    | D0GC2ZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan watsonx.governance - Non-Saas Engagement Remotely Delivered SW Services                                                          | D0GASZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan watsonx.governance - Saas Engagement Remotely Delivered SW Services                                                              | D0GC9ZX | 75.684,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager Container Edition for Distributed Platforms per Install SW Subscription & Support Reinstatement 12 Months | D293JLL | 75.662,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager Container Edition for zCX per Install Annual SW Subscription & Support Renewal 12 Months                  | E0R6LLL | 75.662,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Wazi Developer for Red Hat CodeReady Workspaces Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                          | D053LZX | 75.662,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Version Control Virtual Processor Core License + SW Subscription & Support 12 Months                                                         | D29LQLL | 75.662,26 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics - Platform Master Data Management on Cloud Non-Production Instance per Month                                                            | D1N6ALL | 75.247,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender on DataPower Gateway X2 Application Instance SW Subscription & Support Reinstatement 12 Months                   | D0BP2ZX | 75.153,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender on DataPower Gateway X3 Application Instance SW Subscription & Support Reinstatement 12 Months                   | D0BP5ZX | 75.153,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM StoredIQ for Legal eDiscovery for IT per User Value Unit License + SW Subscription & Support 12 Months                                            | D1RKCLL | 75.153,14 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C, C++, Java and Ada Authorized User SW Subscription & Support Reinstatement 12 Months          | D09HQLL | 75.052,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Concurrent User SW Subscription & Support Reinstatement 12 Months                                                         | D1Q6FLL | 75.052,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                  | D53VPLL | 75.052,08 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester Floating User from Rational Functional Tester Authorized User Trade Up License + SW Subscription & Support 12 Months   | D53QTLL | 75.052,08 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Turbonomic - Saas Engagement Remotely Delivered Service                                                                         | D08YVZX | 74.790,93 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Configure Turbonomic - Saas Engagement Remotely Delivered SW Services                                                                     | D0G8KZX | 74.790,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate Turbonomic - Saas Engagement Remotely Delivered SW Services                                                                       | D0G8LZX | 74.790,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Express Edition Install License + SW Subscription & Support 12 Months                                                           | D1BCKLL | 74.441,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Express Edition Install License + SW Subscription & Support 12 Months                                                       | D1BCFLL | 74.441,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Floating User Single Install License + SW Subscription & Support 12 Months     | D0GLKLL | 74.441,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Industry Solutions Workbench Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                | E0QGBLL | 74.441,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Personal Authorized User License + SW Subscription & Support 12 Months                                                                   | D1E1JLL | 74.441,90 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage as a Service Medium Bundle Instance Pay per Use                                                                                             | D09GIZX | 73.967,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog PayGo Enterprise Edition Instance Pay per Use                                                                                | D0440ZX | 73.967,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Analytics - Platform IBM Master Data Management Modernization Virtual Processor Core Trade Up License + SW Subscription & Support 12 Months           | D29TBLL | 73.831,72 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Analytics - Platform IBM Master Data Management Modernization Virtual Processor Core Trade Up License + SW Subscription & Support 12 Months           | D29TCLL | 73.831,72 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 10Gbps Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                     | E0P27LL | 73.831,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 10Gbps Resource Value Unit from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months         | D1YGELL | 73.831,72 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Starter Edition for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                        | D0ZZCLL | 73.831,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Germany Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D05FXZX | 73.831,72 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Germany Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E05FYZX | 73.831,72 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Italy Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months      | D05G5ZX | 73.831,72 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Italy Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months   | E05G6ZX | 73.831,72 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Master Data Management Modernization Reserved per Virtual Processor Core from IBM InfoSphere Master Data Management RVU Trade up License + S&S 12 Months         | D0993ZX | 73.831,72 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Aviation Authorized User License + SW Subscription & Support 12 Months                                                                                | D1GSQLL | 73.831,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Files Resource Value Unit (MVS) License + SW Subscription & Support 12 Months                                              | D1NEFLL | 73.831,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Concurrent User to IBM SPSS Statistics Standard Concurrent User Trade Up Lic + Subscription and Support 12 Months                           | D27UGLL | 73.831,72 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months | D08V8ZX | 73.831,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SVC for XIV SoftWare 1TB drives Storage Device SW Subscription & Support Reinstatement 12 Months                                                                 | D0JWYLL | 73.831,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X3 TIBCO EMS Module Application instance License + SW S&S 12 Months                                                                            | D09WNZX | 73.742,81 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Capacity Increase from 500 to 1K EPS Failover Install SW Subscription & Support Reinstatement 12 Months                        | D0WU5LL | 73.742,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for CrawfordTech Riptide ConversionServices Server SW Support 12 Months                                                                            | D1BV6LL | 73.554,14 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AI Decision Coordination for Governance Production Install Monthly License                                                                                       | D0GVLZX | 73.366,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AI Decision Coordination for Machine Learning Non-Production Install Monthly License                                                                             | D0GVRZX | 73.366,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AI Governance Express on Premises Install Monthly License                                                                                                        | D0DR1ZX | 73.366,02 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Hyper Protect Virtual Servers Virtual Processor Core SW Subscriptn & Supt Reinstatement 12 Months                                                                | D1XG4LL | 73.221,55 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management RDM Hub for Financial Service Non- Production Install Monthly License                                                          | D1GQ8LL | 73.221,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management RDM Hub for Non-Financial Service Production Install Monthly License                                                           | D1GQ5LL | 73.221,55 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Archive Enterprise Edition Additional Node Install Annual SW Subscription & Support Renewal 12 Months                                                   | E0M28LL | 73.221,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Archive Enterprise Edition Base Install Annual SW Subscription & Support Renewal 12 Months                                                              | E0M1RLL | 73.221,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Archive Enterprise Edition Multiple Libraries Install Annual SW Subscription & Support Renewal 12 Months                                                | E0M29LL | 73.221,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Archive Enterprise Edition TS4300 Tape library per Install Annual SW Subscription & Support Renewal                                                     | E0NXYLL | 73.221,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM STERLING B2B INTEGRATOR FINANCIAL ENTERPRISE CONTAINER EDITION FOR NON-PROD WITH RED HAT OPENSIFT VIRTUAL PROCESSOR CORE TRADE UP                                | D09ZDZX | 73.021,14 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Managed 5G DED Link with10G GTWY CONN Connection per Month                                                                      | D09XJZX | 72.751,77 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor for Mainframe Sessions per Simultaneous Session Licence and Service & Support 12 Months                                                                                       | D0V6BLL | 72.611,37 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                                    | D1HZRLL | 72.611,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Floating User Single Install Trade Up from Eng Workflow Mgmt Developer Floating User Single Install License + SW Subscription & Support 12 Months | D1I0ILL | 72.611,37 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Adapter for JD Edwards EnterpriseOne Establishment Monthly License                                                                                                                         | D194LLL | 72.503,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Adapter for Oracle E-Business Suite Establishment Monthly License                                                                                                                          | D194HLL | 72.503,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Adapter for Oracle E-Business Suite for zSeries Establishment Monthly License                                                                                                              | D194ILL | 72.503,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Adapter for PeopleSoft Enterprise Establishment Monthly License                                                                                                                            | D194ALL | 72.503,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Adapter for SAP Software Establishment Monthly License                                                                                                                                     | D1942LL | 72.503,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Adapter for SAP Software for zSeries Establishment Monthly License                                                                                                                         | D1944LL | 72.503,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Adapter for Siebel Business Applications Establishment Monthly License                                                                                                                     | D1947LL | 72.503,69 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One 21XX LT Failover Install SW Subscription & Support Reinstatement 12 Months                                                                                           | D10UELL | 72.120,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning Modeler Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                 | D0773LL | 71.955,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 OEM High Capacity Add-on Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                    | D1MWLLL | 71.955,14 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Content Management System Monitor Non-Prod Managed Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                       | D0IFJLL | 71.955,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Content Management System Monitor Starter Edition Managed Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                | D0HL9LL | 71.955,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Address Verification Interface for Non-Prod Environments Install SW Subscription & Support Reinstatement 12 Months                                                           | D14AKLL | 71.955,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Enterprise Edition Install Annual SW Subscription & Support Renewal 12 Months                                                                                                              | EOQFJLL | 71.955,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local Modeler Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                   | D0763LL | 71.955,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 50 Floating User SW Subscription & Support Reinstatement 12 Months                                                                                    | D54Q2LL | 71.955,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Application Platform Concurrent User License + SW Subscription & Support 12 Months                                                                                                           | D0N5VLL | 71.955,14 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Business Applications Install SW Subscription & Support Reinstatement 12 Months                                                                                                | D0N6GLL | 71.955,14 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Portfolio Data Manager Concurrent User License + SW Subscription & Support 12 Months                                                  | D0N6HLL | 71.955,14 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Real Estate Environmental Sustainability Impact Manager Install Annual SW Subscription & Support Renewal                              | E0D95LL | 71.955,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Strategic Facility Planning for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                  | D0N6ALL | 71.955,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Facilities Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months      | D0N75LL | 71.955,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Operations for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months  | D0N6ZLL | 71.955,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Projects for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months    | D0N6ELL | 71.955,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Real Estate for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months | D0N6CLL | 71.955,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | MQ Advanced High Availability Replica 100 Virtual Server Annual SW S&S Rnwl                                                                       | E0Q2MLL | 71.955,14 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer New Account Fraud for Business 10 API Calls per Annum                                                                                | D1VINLL | 71.781,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Edition for Developers License Authorized User Software Subscription & Support Reinstatement 12 Mo                  | D1B0RLL | 71.678,01 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 2 Disaster Recovery Reserved 1H 100000 Managed Virtual Server Advanced Support Subscription License                | Z09LFZX | 71.484,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Governance Express Unrestricted Add-on Non-Production Install Monthly License                                                            | D0D43ZX | 71.484,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for Crawford Tech Riptide Server Non Production Server SW Support 12 Months                                                     | D1BV1LL | 71.422,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 1 Gbps Install from Aspera Endpoint 500 Mbps Install Trade Up License + SW Subscription & Support 12 Months                   | D04FGZX | 71.391,01 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 5 Gbps Install Annual SW Subscription & Support Renewal                                                                       | E04GPZX | 71.391,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Floating User License + SW Subscription & Support 12 Months                       | D09KULL | 71.391,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Mid-Range Image Import Non-Prod Server License + SW Subscription & Support 12 Months                                                  | D04FMLL | 71.391,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Virtual Data Pipeline Workgroup Edition Terabyte License + SW Subscription and Support 12 Months                                   | D27RRLL | 71.391,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software Floating User Single Install License + SW Subscription & Support 12 Months              | D54NBLL | 71.391,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software for zSeller Floating User Single Install License + SW Subscription & Support 12 Months  | D59WALL | 71.391,01 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Enterprise Edition Adaptor Toolkit Server Annual SW Subscription & Support Renewal                                                                               | E02XZLL | 71.391,01 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Authorized User Single Install from Rational Service Tester SOA Quality Authorized User Single Install Trade Up License + SW Subscription & Support 12 Months | D0PSALL | 71.391,01 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway AddOn for B2Bi Enterprise Edition for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                         | EOQNTLL | 71.391,01 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Business Service Manager for the Enterprise Tier 2 Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                       | DOIOHLL | 71.391,01 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Velocity User per Floating User SW Subscription & Support Reinstatement 12 Months                                                                                           | D1YIJLL | 71.391,01 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Risk Add-On for IBM i2 - Additional Applications for Business Application Advanced Support 12 Months                                                                                  | E0DVEZX | 71.334,00 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Modernization Non-Production Virtual Processor Core SW S&S REINSTATE 12 MO                                                                                             | D06PNZX | 71.024,90 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Aruba Wi-Fi Install Annual SW S&S Rnwl                                                                                                                      | E0BH0ZX | 70.889,13 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Aruba Wi-Fi Install Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                | D0BGZZX | 70.889,13 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco ACI Install Annual SW S&S Rnwl                                                                                                                        | E0BH9ZX | 70.889,13 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco ACI Install Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                  | D0BH8ZX | 70.889,13 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco SD-WAN Install Annual SW S&S Rnwl                                                                                                                     | E0BHJZX | 70.889,13 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco SD-WAN Install Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                               | D0BHZX  | 70.889,13 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco Wi-Fi Install Annual SW S&S Rnwl                                                                                                                      | E0BHSZX | 70.889,13 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco Wi-Fi Install Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                | D0BHRZX | 70.889,13 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Nuage SD-WAN Install Annual SW S&S Rnwl                                                                                                                     | E0BI1ZX | 70.889,13 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Nuage SD-WAN Install Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                               | D0BI0ZX | 70.889,13 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Versa SD-WAN Install Annual SW S&S Rnwl                                                                                                                     | E0BI9ZX | 70.889,13 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Versa SD-WAN Install Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                               | D0BI8ZX | 70.889,13 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Insight Edition Add-On Gold per Instance per Month                                                                                                                            | D1M2MLL | 70.886,34 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Modernization Reserved Virtual Processor Core Subscription                                                                                                                  | D09M8ZX | 70.857,78 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Regulatory Compliance Management Application Monthly License                                                                                                                | D25UXLL | 70.857,78 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Console 31XX Install Annual SW Subscription & Support Renewal                                                                                             | E0G1RLL | 70.793,10 | Manutenção após Vigência |

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| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Informix Advanced Enterprise Edition Modernization Virtual Processor Core Annual SW Subscription & Support 12 Months                                                                   | E0523ZX | 70.780,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Floating User Single Install from Authorized User Trade Up License + SW Subscription & Support 12 Months                               | D09RBLL | 70.780,83 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimization Studio Developer Edition Authorized User License + SW Subscription & Support 12 Months                                                                                            | D0CV0LL | 70.780,83 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy for Unstructured Data Annual Terabyte Annual SW Subscription & Support Renewal 12 Months                                                                                    | E0QGMLL | 70.780,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Inspection Workbench Client Device License + SW Subscription & Support 12 Months                                                                                                                          | D0453ZX | 70.780,83 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Enterprise Bare Metal Medium Instance Pay per Use                                                                                                                                            | D0ENHZX | 70.420,88 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM StepZen Graph Server Enterprise Instance Advanced Support per Annum                                                                                                                                       | E0GF2ZX | 69.990,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Administrator Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                         | D0C2TLL | 69.823,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Publishing Floating User from Rational SoDA per Floating User Trade Up License + SW Subscription & Support 12 Months                                                   | D0D44LL | 69.823,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Automatic Test Generation Add On Authorized User Annual SW Subscription & Support Renewal                                                                             | E0789LL | 69.823,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management for Managed Service Providers Concurrent User License + SW Subscription & Support 12 Months                                                                                       | D1R64LL | 69.823,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge QuickReport Standard Edition Server Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                 | D0BIZLL | 69.823,13 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge QuickReport Standard Edition Server Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                              | E081WLL | 69.823,13 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Mega per Resource Value Unit from IBM Sterling Order Management Store Edition Large per Resource Value UnitTrade Up License + SW Subscription & Support 12 Months | D103ULL | 69.823,13 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Video Logistics Manager Instance per Month                                                                                                                                                          | D1PX5LL | 69.642,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Platinum 2.0 Instance Advanced Support per Month                                                                                                                                 | E0FYWZX | 69.642,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 50K Flows Per Minute Annual SW Subscription & Support Renewal 12 Months                                                                              | E0NCBLL | 69.613,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 50K Flows Per Minute Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months                                | D1S2ALL | 69.613,22 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Accelerator Remotely Delivered paygo pay per use                                                                                                                          | D1TVLLL | 69.407,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Jump Start Remotely Delivered paygo pay per use                                                                                                                           | D1TVMLL | 69.407,63 | Saas                      |



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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Adaptor Toolkit Standard Edition Server from Build Forge Adaptor Toolkit Express Ed Server Trade Up License + SW Subscription & Support 12 Months | D61PHLL | 69.290,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Solo Edition Resource Value Unit License + SW Subscription & Support 12 Months                                                                 | D1J4ILL | 69.290,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Open XL Fortran for AIX Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                  | D043ULL | 69.290,13 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Exp Labs - IBM SevOne NPM One Week Solution Build - Non-Saas Engagement Remotely Delivered Service                                                                     | D08YKZX | 69.258,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Exp Labs - IBM SevOne NPM One Week Solution Build - Saas Engagement Remotely Delivered Service                                                                         | D08YPZX | 69.258,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak for Network Automation One Week Infrastructure Build - Non-Saas Engagement Remotely Delivered SW Services                                      | D06WVZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak for Network Automation One Week Solution Build - Non-Saas Engagement Remotely Delivered SW Services                                            | D06WYZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak for Network Automation One Week Solution Build - Saas Engagement Remotely Delivered Service                                                    | D06XXZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak System One Week Infrastructure Build - Non-Saas Engagement Remotely Delivered SW Services                                                      | D06XKZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak System One Week Solution Build - Non-Saas Engagement Remotely Delivered SW Services                                                            | D06XNZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak System One Week Solution Build - Saas Engagement Remotely Delivered Service                                                                    | D06XSZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs B2B One Week Infrastructure Build - Non-Saas Engagement Remotely Delivered Service - Software Services                                                     | D06VAZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Analytics & Cognos - Non-Saas Engagement Remotely Delivered SW Services                                                                              | D070AZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Analytics & Cognos - Saas Engagement Remotely Delivered Service                                                                                      | D06S8ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Application Runtimes - Non-Saas Engagement Remotely Delivered SW Services                                                                            | D02D0ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Business Automation - Non-Saas Engagement Remotely Delivered SW Services                                                                             | D02D8ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Cloud Pak for AIOps - Non-Saas Engagement Remotely Delivered SW Services                                                                             | D02D4ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Cloud Pak for AIOps - Saas Engagement Remotely Delivered Service                                                                                     | D06X5ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Customer Care - Non-Saas Engagement Remotely Delivered SW Services                                                                                   | D06ZJZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Customer Care - Saas Engagement Remotely Delivered Service                                                                                           | D06ZWZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Data Exchange - Non-Saas Engagement Remotely Delivered SW Services                                                                                   | D06VDZX | 69.258,00 | Permanente com Manutenção |

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| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Data Exchange - Saas Engagement Remotely Delivered Service                          | D06VHZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Data Fabric - Non-Saas Engagement Remotely Delivered SW Services                    | D06WBZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Data Fabric - Saas Engagement Remotely Delivered Service                            | D06XFZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Data Integration - Non-Saas Engagement Remotely Delivered SW Services               | D06ZDZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Data Integration - Saas Engagement Remotely Delivered Service                       | D06ZSZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Data Science - Non-Saas Engagement Remotely Delivered SW Services                   | D06ZBZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Data Science - Saas Engagement Remotely Delivered Service                           | D06ZNZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Databases - Non-Saas Engagement Remotely Delivered SW Services                      | D06W6ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Databases - Saas Engagement Remotely Delivered Service                              | D06U8ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build ELM - Non-Saas Engagement Remotely Delivered SW Services                            | D06YHZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build ELM - Saas Engagement Remotely Delivered Service                                    | D06YLZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Environmental Intelligence Suite - Saas Engagement Remotely Delivered Service       | D06YBZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Environmental Intelligence Suite Non-Saas Engagement Remotely Delivered SW Services | D06Y6ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Integration - Non-Saas Engagement Remotely Delivered SW Services                    | D02DCZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Maximo - Non-Saas Engagement Remotely Delivered SW Services                         | D06YRZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Maximo - Saas Engagement Remotely Delivered Service                                 | D06YVZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build OpenPages - Non-Saas Engagement Remotely Delivered SW Services                      | D070DZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build OpenPages - Saas Engagement Remotely Delivered Service                              | D06S5ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Supply Chain - Non-Saas Engagement Remotely Delivered SW Services                   | D06VRZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build Supply Chain - Saas Engagement Remotely Delivered Service                           | D06VVZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build TRIRIGA - Non-Saas Engagement Remotely Delivered SW Services                        | D06WNZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Build TRIRIGA - Saas Engagement Remotely Delivered Service                                | D06XBZX | 69.258,00 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Engineering One Week Infrastructure Build - Non-Saas Engagement Remotely Delivered SW Services                                                                 | D06YEZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Environmental Intelligence Suite One Week Infrastructure Build - Non-Saas Engagement Remotely Delivered Services                                               | D06Y3ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Install Analytics & Cognos - Non-Saas Engagement Remotely Delivered SW Services                                                                                | D06V6ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Install Application Runtimes - Non-Saas Engagement Remotely Delivered SW Services                                                                              | D02CYZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Install Business Automation - Non-Saas Engagement Remotely Delivered SW Services                                                                               | D02D6ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Install Cloud Pak for AIOps - Non-Saas Engagement Remotely Delivered SW Services                                                                               | D02D2ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Install Customer Care - Non-Saas Engagement Remotely Delivered SW Services                                                                                     | D06ZHZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Install Data Fabric - Non-Saas Engagement Remotely Delivered SW Services                                                                                       | D06W8ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Install Data Integration - Non-Saas Engagement Remotely Delivered SW Services                                                                                  | D06ZFZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Install Data Science - Non-Saas Engagement Remotely Delivered SW Services                                                                                      | D06Z9ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Install Databases - Non-Saas Engagement Remotely Delivered SW Services                                                                                         | D06W3ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Install Integration - Non-Saas Engagement Remotely Delivered SW Services                                                                                       | D02DAZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Install OpenPages - Non-Saas Engagement Remotely Delivered SW Services                                                                                         | D06V4ZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Maximo One Week Infrastructure Build - Non-Saas Engagement Remotely Delivered SW Services                                                                      | D06YNZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Supply Chain One Week Infrastructure Build - Non-Saas Engagement Remotely Delivered Service - Software Services                                                | D06VNZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs TRIRIGA One Week Infrastructure Build - Non-Saas Engagement Remotely Delivered SW Services                                                                     | D06WPZX | 69.258,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 1K Events Per Second Annual SW Subscription & Support Renewal 12 Months                                               | E0NBRL  | 69.023,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 1K Events Per Second Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months | D1S1WLL | 69.023,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Capacity Increase from 25K to 50K FPM Install Annual SW Subscription & Support Renewal                                                           | E0G34LL | 69.023,27 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise 2.5 Gbps Install Monthly License                                                                                                                         | D04DZZX | 68.976,60 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM ELT Pushdown Express Non Production Reserved Install Subscription License                                                                                                  | D0D4PZX | 68.976,60 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ELT Pushdown Express Non-Production Install Monthly License                                                                                                                | D0D4TZX | 68.976,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson OpenScale Server Instance Pay per Use                                                                                                                               | D00U8ZX | 68.901,00 | Saas                      |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Resource Adapter Professional Edition Server SW Subscription & Support Reinstatement 12 Months                                  | D04C7LL | 68.757,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Floating User from Competitive Product Trade Up License + SW Subscription & Support 12 Months                                 | D574MLL | 68.757,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Floating User from Rational Rose Developer for Java Floating User Trade Up License + SW Subscription & Support 12 Months      | D57FFLL | 68.757,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Floating User from Rational Rose Enterprise Authorized User Trade Up License + SW Subscription & Support 12 Months            | D57FTLL | 68.757,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Floating User from Rational Rose Modeler Floating User Trade Up License + SW Subscription & Support 12 Months                 | D574NLL | 68.757,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Floating User from Rose Developer for Visual Studio Floating User Trade Up License + SW Subscription & Support 12 Months      | D57FGLL | 68.757,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Virtual Storage Center Virtual Processor Core Trade Up from IBM Virtual Storage Center Virtual Processor Core | D08UCZX | 68.757,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Application Builder Authorized User Annual SW Subscription & Support Renewal                                                                   | E0D9DLL | 68.757,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One Software 31XX Failover Install Annual SW Subscription & Support Renewal                                         | E0GZYLL | 68.718,51 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataPower Operations Dashboard Five Gateways Application instance Monthly License                                                                      | D20XSLL | 68.710,95 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Big Replicate for Security Install Annual SW Subscription & Support Renewal 12 Months                                                                  | E0PCVLL | 68.224,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Targets for z/OS Sources for Non-Production Environments Per Install Annual SW Subscription & Support Renewal 12 Months               | E0N9TLL | 68.224,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Big SQL per Virtual Server License + SW Subscription & Support 12 Months                                                                           | D1UUCLL | 68.224,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Big SQL Virtual Processor Core License + SW Subscription & Support 12 Months                                                                       | D1WL4LL | 68.224,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per Production Server for 2 LPARs Group P05 SW SUPPORT 12 MO                                                | D1UQ7LL | 68.224,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Floating User from Authorized User Trade Up License + SW Subscription & Support 12 Months  | D09SRLl | 68.224,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Workgroups Install License + SW Subscription & Support 12 Months                                                                | D1VN4LL | 68.224,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Mega for Red Hat OpenShift per Resource Value Unit SW Subscription & Support Reinstatement 12 Months  | D26RVLL | 68.224,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Essential Management for IBM Cloud Pak for Data - Full Managed Add Storage 300 Gigabytes per Annum                                         | D09U9ZX | 68.115,60 | Permanente com Manutenção |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AI Governance Express on Cloud Instance per Month                                                                                                                                             | D0DR4ZX | 67.777,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM UrbanCode Deploy Session for z/OS Workloads Simultaneous Session Monthly License                                                                                                              | D1BU2LL | 67.722,48 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM AI Decision Coordination - Studio Ten Authorized Users Annual SW S&S Rnwl                                                                                                                     | E0A3QZX | 67.691,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 100 Mbps Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                                            | D1BZYLL | 67.691,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Workgroup Edition Terabyte Annual SW Subscription & Support Renewal                                                                                     | E0F16LL | 67.691,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Unstructured Forms Processing Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                  | D610ZLL | 67.691,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Configuration Manager Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                          | D1QB1LL | 67.691,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Aviation Limited Use Concurrent User Licence + SW Subscription & Support 12 Months                                                                                                 | D1GSWLL | 67.691,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Change Management Solution Enterprise Edition Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                        | D537XLL | 67.691,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Change Management Solution Enterprise Edition Floating User from Rational Change Management Solution Floating User Trade Up License + SW Subscription & Support 12 Months  | D531BLL | 67.691,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Change Management Solution Floating User License + SW Subscription & Support 12 Months                                                                                     | D531GLL | 67.691,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Professional Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                   | D0EMYLL | 67.691,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Container Edition for Non-Prod with RHOS Virtual Processor Core Trade Up                                                                                     | D09ZIZX | 67.691,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Modernization Virtual Processor Core Trade Up from Prior Data Replication Programs Trade Up Lic + Subscr and Support 12 Months                                               | D0BZ8ZX | 67.158,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition per Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                            | D1YH0LL | 67.119,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Virtual Processor Core from Standard Edition Virtual Processor Core Trade Up Lic + Subscr and Support 12 Months                                         | D27KHLL | 67.119,75 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Floating User Single Install from EWM Developer Workgroups AUSI Trade Up License + SW Subscription & Support 12 Months | D0GLPLL | 67.119,75 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar on Cloud Custom Parser Service Engagement SET UP                                                                                                                                       | D003SZX | 66.533,67 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog Manager for Customers-Additional Catalog Implementation-Item On-Demand Setup                                                             | D014NZX | 66.533,67 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog Manager for Customers-Additional Catalog Implementation-Item Setup                                                                       | D014LZX | 66.533,67 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog Manager for Customers-WebSite-Instance per Month                                                                                                                     | D014IZX | 66.533,67 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog Manager for Suppliers-WebSite-Instance per Month                                                                                                                     | D014VZX | 66.533,67 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Administrator Cartridge for IBM Cloud Pak for Data Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                     | D03GVZX | 66.509,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Modernization Virtual Processor Core SW Subscription & Support Reinstatement 12Months                                                                                | D08LFZX | 66.509,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Enterprise Edition 25 Floating Users Single Install SW Subscription & Support Reinstatement 12 Months                                                                                                         | D58FHLL | 66.509,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Central America and Caribbean Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                  | D05DAZX | 66.509,57 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Central America and Caribbean Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                               | E05DBZX | 66.509,57 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 250 Floating Users Annual SW Subscription & Support Renewal                                                                                                                | E012ELL | 66.509,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Authorized User Single Install from Rational Functional TesterAuthorized User Single Instal Trade Up License + SW Subscription & Support 12 Months                                                | D0PS9LL | 66.509,57 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Computing Suite for High Performance Analytics per Virtual Server License + SW Subscription & Support 12 Months                                                                                                  | D22ZELL | 66.509,57 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM AI Decision Coordination - Dispatch Hundred Thousand API Calls Subscription License                                                                                                                                       | D0A3BZX | 66.468,36 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Subscription License                                                                                                                       | D09MBZX | 66.468,36 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                                                                                | D296JLL | 66.258,32 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Garage Architectural Consultancy for Data Science and AI Engagement Remotely Delivered Service                                                                                                                            | D03ZFZX | 66.150,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Case Manager Division Instance Advanced Support per Month                                                                                                                                                                     | E0FYDZX | 65.911,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Video Logistics Manager Premium Workflow Instance per Month                                                                                                                                                         | D1PX9LL | 65.911,86 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Administrator per Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                                      | D17BBLL | 65.899,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Floating User Single Install from Eng Test Mgmnt Quaty Prof for Wgps AUSI Trade Up License + SW Subscription & Support 12 Months                                         | D0VM7LL | 65.899,39 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Floating User Single Install from Engineering Test Management Quality Professional Authorized User Single Install Trade Up License + SW Subscription & Support 12 Months | D0AQKLL | 65.899,39 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Floating User Single Install License + SW Subscription & Support 12 Months                                                                                                      | D0GN4LL | 65.899,39 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Asia Pacific Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D05C1ZX | 65.899,39 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address and Geo for Asia Pacific Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E05C2ZX | 65.899,39 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                     | D26S7LL | 65.899,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months        | D26SMLL | 65.899,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Healthcare for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                | D26SALL | 65.899,39 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM One Week Business Partner Solution Acceleration Services Engagement Remotely Delivered Service                                                                     | D04KFZX | 65.688,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One Software 21XX Install Annual SW Subscription & Support Renewal                                                              | E0H03LL | 65.414,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Data Observability - Non-Saas Engagement Remotely Delivered SW Services                                                                          | D0GALZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Data Observability - Saas Engagement Remotely Delivered SW Services                                                                              | D0GC3ZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Instana - Non-Saas Engagement Remotely Delivered SW Services                                                                                     | D06VWZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Instana - Saas Engagement Remotely Delivered Service                                                                                             | D06VZZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Tubonomic - Non-Saas Engagement Remotely Delivered Service                                                                                       | D08YRZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build watsonx.ai - Non-Saas Engagement Remotely Delivered SW Services                                                                                  | D0GAMZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build watsonx.ai - Saas Engagement Remotely Delivered SW Services                                                                                      | D0GC4ZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build watsonx.data - Non-Saas Engagement Remotely Delivered SW Services                                                                                | D0GATZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build watsonx.data - Saas Engagement Remotely Delivered SW Services                                                                                    | D0GC0ZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build watsonx.governance - Non-Saas Engagement Remotely Delivered SW Services                                                                          | D0GAQZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build watsonx.governance - Saas Engagement Remotely Delivered SW Services                                                                              | D0GC7ZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Configure AIOps Insights - Saas Engagement Remotely Delivered SW Services                                                                              | D0G8QZX | 65.331,00 | Permanente com Manutenção |

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| Real | 12 |  | PPA | 7831 | IBM Expert Labs Configure Data Fabric - SaaS Engagement Remotely Delivered SW Services           | D0GBTZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Configure Databases - SaaS Engagement Remotely Delivered SW Services             | D0GBVZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Configure Instana - SaaS Engagement Remotely Delivered SW Services               | D0G8NZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Configure OpenPages - SaaS Engagement Remotely Delivered SW Services             | D0GBSZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Configure watsonx.ai - SaaS Engagement Remotely Delivered SW Services            | D0GC5ZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Configure watsonx.data - SaaS Engagement Remotely Delivered SW Services          | D0GC1ZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Configure watsonx.governance - SaaS Engagement Remotely Delivered SW Services    | D0GC8ZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Install Instana - Non-SaaS Engagement Remotely Delivered SW Services             | D0G8FZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Install Turbonomic - Non-SaaS Engagement Remotely Delivered SW Services          | D0G8DZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Install watsonx.ai - Non-SaaS Engagement Remotely Delivered SW Services          | D0GANZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Install watsonx.data - Non-SaaS Engagement Remotely Delivered SW Services        | D0GAUZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Install watsonx.governance - Non-SaaS Engagement Remotely Delivered SW Services  | D0GARZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Migrate AIOps - Non-SaaS Engagement Remotely Delivered SW Services               | D0G7PZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Migrate AIOps - SaaS Engagement Remotely Delivered SW Services                   | D0G8RZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Migrate Analytics & Cognos - Non-SaaS Engagement Remotely Delivered SW Services  | D0GAGZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Migrate Analytics & Cognos - SaaS Engagement Remotely Delivered SW Services      | D0GBYZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Migrate Business Automation - Non-SaaS Engagement Remotely Delivered SW Services | D0G7QZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Migrate Data Fabric - Non-SaaS Engagement Remotely Delivered SW Services         | D0GAHZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Migrate Data Fabric - SaaS Engagement Remotely Delivered SW Services             | D0GBUZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Migrate Data Integration - Non-SaaS Engagement Remotely Delivered SW Services    | D0GAIZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Migrate Data Integration - SaaS Engagement Remotely Delivered SW Services        | D0GBZZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Migrate Databases - Non-SaaS Engagement Remotely Delivered SW Services           | D0GAJZX | 65.331,00 | Permanente com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate Databases - Saas Engagement Remotely Delivered SW Services                                                                                                                              | D0GBWZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate Instana - Non Saas Engagement Remotely Delivered SW Services                                                                                                                            | D0G8GZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate Instana - Saas Engagement Remotely Delivered SW Services                                                                                                                                | D0G8PZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate Integration - Non-Saas Engagement Remotely Delivered SW Services                                                                                                                        | D0G7NZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate Turbonomic - Non- Saas Engagement Remotely Delivered SW Services                                                                                                                        | D0G8EZX | 65.331,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Foundation Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                                      | D264WLL | 65.289,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Standard Edition for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                                                  | E0HRNLL | 65.289,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Floating User Single Install Trade Up from Eng Workflow Mgmt Developer for EP Floating User Single Install License + SW Subscription & Support 12 Months | D110PLL | 65.289,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Floating User from Authorized User Trade Up License + SW Subscription & Support 12 Months                                                                  | D09QKLL | 65.289,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Floating User from Competitor Trade Up License + SW Subscription & Support 12 Months                                                                       | D0PP5LL | 65.289,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Floating User Single Install from Competitive Trade Up License + SW Subscription & Support 12 Months                                                       | D08LSLL | 65.289,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Floating User SW S&S Reinstale 12 Mo                                                                                                                           | D533DLL | 65.289,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator AddOn for File Gateway Enterprise Edition for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                                     | EOQNMLL | 65.289,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2Bi and SFG Enterprise Non-Production for Red Hat OpenShift Virtual Processor Core (VPC) License + SW Subscription & Support 12 Months                                 | D27JELL | 65.289,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server per Limited Use Socket SW Subscription & Support Reinstatement 12 Months                                                                                                       | D0GUULL | 65.289,21 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Cognos Analytics Advanced Reserved Virtual Processor Core Subscription License                                                                                                           | D09IVZX | 65.214,24 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Global Name Management Non-Production Environment Resource Value Unit Monthly License                                                                                                            | D19ENLL | 65.109,74 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event Capacity Increase from 1K to 2.5K EPS Failover Install Annual SW Subscription & Support Renewal                                                                                  | E0G2WLL | 65.004,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core SW S&S REINSTATE 12 MO                                                                                            | D06PDZX | 64.894,38 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Warehouse for zLinux per Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                           | D1UTALL | 64.824,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Warehouse per Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                      | D1MD6LL | 64.824,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Concurrent User Annual SW Subscription & Support Renewal                                                                | E09NTLL | 64.679,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Concurrent User SW Subscription & Support Reinstatement 12 Months                                                      | D0EJZLL | 64.679,04 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Enhanced Disaster Recovery Add-on Saas Flex Instance per                                                                             | D20DHLL | 64.668,24 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 B2B Module Application instance Annual SW Subscription & Support Renewal 12 Months                                         | E0P60LL | 64.586,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 B2B Module FOR ASL ONLY Application instance Annual SW Subscription & Support Renewal 12 Months                            | E0P62LL | 64.586,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Capacity Increase from 1K to 2.5K EPS Failover Install SW Subscription & Support Reinstatement 12 Months      | D0WU9LL | 64.586,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimization Studio Developer Edition Floating User Single Session SW Subscription & Support Reinstatement 12 Months                 | D16I9LL | 64.493,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector per Install SW Subscription & Support Reinstatement 12 Months                                              | D0ET8LL | 64.493,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Extension for VSE Floating User License + SW Subscription & Support 12 Months                                       | D07A0LL | 64.493,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center for Storwize Family per Storage Device License + SW Subscription & Support 12 Months                                     | D13R5LL | 64.493,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data for Non-Production Environment Install Annual SW Subscription & Support Renewal 12 Months | E0QJZLL | 64.493,12 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Financial Standard Edition Install Monthly License                                                                        | D183ZLL | 64.320,11 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault Engines Instance per Annum                                                                                      | D02S6ZX | 64.245,36 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault Sites Instance per Annum                                                                                        | D02S9ZX | 64.245,36 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Internal Service Provider Edition Install Licence + SW Subscription & Support 12 Months                                            | D0LM1LL | 63.960,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Operations Center Standard User per Concurrent User Annual SW Subscription & Support Renewal                                        | E0FXDLL | 63.960,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test RealTime Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                           | D0BGGLL | 63.960,12 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test RealTime Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                        | E07ZDLL | 63.960,12 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM STERLING B2B INTEGRATOR ENTERPRISE CONTAINER EDITION FOR NON-PROD WITH RED HAT OPENSIFT VIRTUAL PROCESSOR CORE TRADE UP                         | D09ZGZX | 63.960,12 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Mega per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                          | D0ZZSLL | 63.960,12 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure Proxy Non-Production for Red Hat OpenShift Virtual Processor Core License + Software Subscription & Support 12 Months                                | D27FCLL | 63.960,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Motio ReportCard Virtual Processor Core Annual SW S&S Rnwl                                                                                                               | E08Y8ZX | 63.960,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Open XL CC++ for AIX Concurrent User SW S&S Reinststate 12 Mo                                                                                                            | D043QLL | 63.960,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netezza Performance Server for IBM Cloud Pak for Data Non-Production Virtual Processor Core LIC + SW S&S 12 MO                                                       | D0ALHZX | 63.713,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Authorized User Trade Up from Professional Authorized User License + SW Subscription & Support 12 Months                                     | D0G9CLL | 63.458,67 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Enterprise 45 Mbps Install Annual SW Subscription & Support Renewal                                                                                           | E04EEZX | 63.427,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Authorized User Single Install License + SW Subscription & Support 12 Months                                      | D1HZLLL | 63.427,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Modernization Virtual Processor Core License + SW Subscription & Support Reinstatement 12 Months                                         | D0BZXZX | 63.427,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Connection Annual SW S&S Rnwl                                                                                                          | E0J9DLL | 63.427,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for Cognos Analytics per Install License + SW Subscription & Support 12 Months                                                  | D0AVDLL | 63.427,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for TM1 per Install License + SW Subscription & Support 12 Months                                                               | D0AVHLL | 63.427,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Data Warehouses Resource Value Unit (MVS) Annual SW Subscription & Support Renewal 12 Months                                   | E0MQMLL | 63.427,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services - Real Time Scoring Resource Value Unit Annual SW Subscription & Support Renewal                                          | E0IV3LL | 63.427,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentrant-Director Pro Install SW Subscription & Support Reinstatement 12 Months                                                                             | D0J0GLL | 63.427,12 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | FieldFLEX Mobile for IBM TRIRIGA Saas - Kiosk 250 Items Subscription per Month                                                                                           | D0407ZX | 63.424,62 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Data Encryption Key Management on KMIP per Resource Value Unit (MVS) SW Subscription & Support Reinstatement 12 Months                         | D04KBZX | 63.333,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Data Encryption Key Management on Oracle TDE and Microsoft SQL per Resource Value Unit (MVS) SW Subscription & Support Reinstatement 12 Months | D04K7ZX | 63.333,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 300 Mbps Install License + SW Subscription & Support 12 Months                                                                                       | D04GDZX | 62.848,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Connector for eMail and Electronic Documents Connection Annual SW Subscription & Support Renewal                                                             | E0BM3LL | 62.848,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Eastern Europe Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months            | D05FPZX | 62.848,49 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Eastern Europe Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months         | E05FQZX | 62.848,49 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                       | D0LKFL  | 62.848,49 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Virtualization Server Concurrent Virtual Services 25 Item Annual SW Subscription & Support Renewal 12 Months                                        | E0PN9LL | 62.848,49 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks Capacity Edition Virtual Processor Core SW Subscriptn & Supt Reinstatement 12 Months                                             | D27FHLL | 62.848,49 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Express Authorized User 500 Pack per Month                                                                                               | D02BHZX | 62.802,81 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations for Water Standard User on IBM SmartCloud Concurrent User per Month                                                                        | D0V9VLL | 62.802,81 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management Collaborative Edition on Cloud Small Instance per Month                                                                                    | D0091ZX | 62.706,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Operational Risk Management Application MONTHLY LICENSE                                                                                                 | D25UKLL | 62.453,67 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X3 B2B Module Application instance Annual SW Subscription & Support Renewal                                                                     | E09W4ZX | 62.386,42 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X3 B2B Module FOR ESA ONLY Application instance Annual SW Subscription & Support Renewal                                                        | E09WAZX | 62.386,42 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | DataStax Luna Professional Cluster per Month                                                                                                                          | D0610ZX | 62.286,71 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 2.5 Gbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                    | D04FYZX | 62.238,31 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS TX Advanced Virtual Processor Core Annual SW S&S Rnwl                                                                                                        | E05JQZX | 62.238,31 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Virtual Processor Core from Prior Programs 10 1000 FlexPoint Trade Up Lic + Subscr and Support 12 Months                    | D28J0LL | 62.238,31 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstatement 12Months | D08M1ZX | 62.238,31 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Floating User Single Install SW Subscription & Support Reinstatement 12 Months                 | D09HVLL | 62.238,31 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Enterprise Edition CPU Option Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                         | E0PTNLL | 62.238,31 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Standard Edition Adaptor Toolkit Server SW Subscription & Support Reinstatement 12 Months                                                    | D59BKLL | 62.238,31 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | Motio PI Professional Authorized User SW Subscription & Support Reinstatement 12 Months                                                                               | D26K5LL | 62.238,31 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Existing Client Setup on Cloud per Engagement One-Time Setup                                                                                            | D1TFHLL | 62.181,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security ReaQta Quick Start Service (4 Days) Engagement Remotely Delivered Services                                                                               | D09EFZX | 62.181,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Saas - Restricted Operational Access Add-on Instance per Month                                                                                            | D031YZX | 62.181,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Datacap Gold Instance Advanced Support per Month                                                                                                                      | E0DWHZX | 62.118,82 | Saas                     |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages on Cloud - Premier Support Add-on Instance Subscription Per Month                                                                                                                  | D01VGZX | 62.056,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Real Estate and Facilities Management Saas Premier Support Add-on Instance per Month                                                                                                 | D02TEZX | 62.056,64 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise NPE CRTG for IBM Cloud Pak for Data BD Reserved Install Subscription License                                                                                     | D09NMZX | 61.640,00 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Usable Petabyte Storage Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                   | E0PLBLL | 61.628,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Connector for Fax Connection SW Subscription & Support Reinstatement 12 Months                                                                                                       | D0IBPLL | 61.628,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Connector for Microsoft SharePoint Connection SW Subscription & Support Reinstatement 12 Months                                                                                      | D0IBTLL | 61.628,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Authorized User LIC + SW S&S 12 MO                                                                                                              | D53PDLL | 61.628,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentrans-Director Install License + SW Subscription & Support 12 Months                                                                                                             | D0J0DLL | 61.628,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Accelerate ISS for ICP IBM Terabyte Trade Up from from IBM Spectrum Accelerate Storage Capacity Unit Terabyte                              | D08TAZX | 61.628,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Capital Projects Manager Concurrent User License + SW Subscription & Support 12 Months                                                                                               | D0N70LL | 61.628,13 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Predictor Runtime Virtual Server Subscription License                                                                                                                           | D0494ZX | 61.592,24 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data Non-Production Environment Install Subscription License                                                                     | D28NFLL | 61.592,24 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event/Flow Processor 18XX Failover Install Annual SW Subscription & Support Renewal                                                                                     | E0G1LLL | 61.041,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Software Install SW Subscription & Support Reinstatement 12 Months                                                                                                           | D1RNDLL | 61.041,18 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data - Cloudera Data Platform EDH Install Subscription License                                                                                                                 | D09ZXZX | 61.012,94 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data - Cloudera Data Platform Install Subscription License                                                                                                                     | D09ZWZX | 61.012,94 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Management Software Enterprise Ed Certified Container Resource Value Unit SL UPGRADE                                                                                          | D0C0HZX | 61.012,94 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event Capacity Increase to 1K EPS from 500 EPS Install Annual SW Subscription & Support Renewal                                                                         | E0I54LL | 60.872,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Team Management Add-On per User Value Unit (Concurrent User) Annual SW Subscription & Support Renewal                                                                   | E0Q0ULL | 60.872,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Floating User Single Install Trade Up from ELMB Practitioner Authorized User Single Install License + SW Subscription & Support 12 Months | D1I0MLL | 60.762,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector per Install from Planning Analytics Express Connector for Cognos Analytics per Install Trade Up License + SW Subscription & Support 12 Months           | D1RLBLL | 60.762,11 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector per Install from Planning Analytics Express Connector for TM1 per Install Trade Up License + SW Subscription & Support 12 Months                                          | D1RLALL | 60.762,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester Floating User SW Subscription & Support Reinstatement 12 Months                                                                                                                     | D530CLL | 60.762,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester for zSeries (390) Floating User SW Subscription & Support Reinstatement 12 Months                                                                                                   | D54BVLL | 60.762,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Large for Red Hat OpenShift per Resource Value Unit License + SW Subscription & Support 12 Months                                                             | D26RRLL | 60.762,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Business Applications for Non-Production Environment Install License + SW Subscription & Support 12 Months                                                                               | D0N76LL | 60.762,11 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Reservation Manager Install Monthly License                                                                                                                                                  | D18X0LL | 60.730,82 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Non Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                | D08VAZX | 60.651,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Virtual Processor Core from IBM Db2 Big SQL per Virtual Server Trade Up Lic + Subscr and Support 12 Months                                                               | D28J3LL | 60.229,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Virtual Processor Core from IBM Db2 Big SQL Virtual Processor Core Trade Up Lic + Subscr and Support 12 Months                                                           | D28J2LL | 60.229,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Publishing Floating User SW Subscription & Support Reinstatement 12 Months                                                                                                  | D09D4LL | 60.229,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Floating User Single Install license from Analyst for Workgroups Authorized User Single Install license Trade Up + SW Subscription & Support 12 Months  | D0W95LL | 60.229,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Floating User Single Install from Engineering Test Management Contributor Floating User Single Install Trade Up License + SW Subscription & Support 12 Months | D0PKHLL | 60.229,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Virtual Storage Center Virtual Processor Core Annual SW S&S Rnwl                                                                                                      | E08UDZX | 60.229,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Real Estate Environmental Sustainability Manager Concurrent User License + SW Subscription & Support 12 Months                                                                                         | D0N5KLL | 60.229,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM Cloud Pak for Data 10 Thousand Monthly Minutes SW Subscription & Support Reinstatement 12 Months                                                      | D268XLL | 60.229,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Digital Commerce-AddOn-CPQ 50 Authorized Users Overage                                                                                                                                                         | D00K6ZX | 60.066,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor Deployment Assurance Engagement Remotely Delivered Service -- Software Services                                                                                                | D04YHZX | 59.821,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Partner Engagement Manager Deployment Assurance Engagement Remotely Delivered Service -- Software Services                                                                                            | D04YKZX | 59.821,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Advanced Deployment Assurance Engagement Remotely Delivered Service -- Software Services                                                                                      | D04YNZX | 59.821,52 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Small Non-Production paygo PA Per Instance pay use with Support                                                                                                  | D1TVFLL | 59.781,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Console Application Install SW Subscription & Support Reinstatement 12 Months                                                                                                             | D1C7RLL | 59.696,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 1Gbps Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                  | D1VYULL | 59.696,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server Clustered 500Mbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                       | D1Y9ALL | 59.696,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Integration from Prior Programs Virtual Processor Core Trade Up License + SW Subscription & Support 12 Months                                                                      | D20ZFLL | 59.696,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Authorized User Value Unit License + SW Subscription & Support 12 Months                                                                                                                 | D0H4PLL | 59.696,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Professional Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                            | E0F78LL | 59.696,11 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Floating User Single Install license from Competitive Floating User Single Install license Trade Up + SW Subscription & Support 12 Months | D0C2DLL | 59.696,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Resource Value Unit License + SW Subscription & Support 12 Months                                                                                                    | D0C34LL | 59.696,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                                                         | D0PS8LL | 59.696,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Deployment Manager Concurrent User Initial Fixed Term License + SW Subscription & Support 12 Months                                                   | D0EBYLL | 59.696,11 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Deployment Manager Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                | E09ILL  | 59.696,11 | Temporária com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | MongoDB Enterprise Advanced with IBM 128 Gigabytes Subscription License                                                                                                                              | D26E4LL | 59.570,70 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Smart Start Implementation Package per Engagement 3rd Party Setup                                                                                                                                | D1JY6LL | 59.569,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Insurance Business Vocabulary, Large Instance per Month                                                                                                                                    | D1SR5LL | 59.320,67 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Non-Production Environment Bronze 2.0 per Instance per Month                                                                                                            | D1H8PLL | 59.258,49 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Analytics Enterprise Cartridge for IBM Cloud Pak for Data Authorized User LIC + SW S&S 12 MO                                                                                            | D0AS5ZX | 59.163,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Modernization Non Production Virtual Processor Core License + SW Subscription & Support Reinstatement 12 Months                                                                 | D0BZMZX | 59.163,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per Additional LPAR Group P30 SW SUPPORT 12 MO                                                                                                        | D1UQGLL | 59.163,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for CrawfordTech Riptide DataFormatter Publishing Non Production Server Server SW Support 12 Months                                                                                | D1BV3LL | 59.163,11 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Authorized User from Rational Rose Enterprise Authorized User Trade Up License + SW Subscription & Support 12 Months              | D0C9TLL | 59.163,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Authorized User from Rational Rose Enterprise Authorized User Trade Up License + SW Subscription & Support 12 Months | D0CA1LL | 59.163,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Cartridge for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support Reinstatement 12 Months                                     | D0BZ2ZX | 59.163,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Robotic Process Automation Unattended Bot Agent Concurrent Connection SW Subscription & Support Reinstatement 12 Months                                                                 | D29BALL | 59.163,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Expert Labs - Assistance Mon Sub Saas (20 Hrs Per Mn) Engagement per Month                                                                                            | D0EG3ZX | 59.071,95 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Expert Labs - Assistance Monthly Subscription Non-Saas Engagement 20 hours per Month                                                                                  | D0DNLZX | 59.071,95 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Expert Labs - Assistance Monthly Subscription Non-Saas Engagement 20 hours per Month                                                                                    | D0DNGZX | 59.071,95 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Expert Labs - Assistance Monthly Subscription Saas Engagement 20 hours per Month                                                                                        | D0DNIZX | 59.071,95 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Expert Labs - Assist Monthly Subscription Non-Saas Engagement - 20 Hours Per Month                                                                                      | D0DKUZX | 59.071,95 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Expert Labs - Assistance Monthly Subscription Saas Engagement - 20 Hours Per Month                                                                                      | D0DKWZX | 59.071,95 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Configure Price Quote Add-on for Red Hat OpenShift Resource Value Unit Monthly License                                                                        | D27UNLL | 59.069,05 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for VMware vCenter Server Managed Virtual Server Annual SW Subscription & Support Renewal                                                       | E0NZILL | 59.065,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for VMware vCenter Server Managed Virtual Server for zEnterprise BladeCenter Extension Annual SW Subscription & Support Renewal                 | E0NZJLL | 59.065,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C, C++, Java and Ada Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                 | D097TLL | 58.630,11 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C, C++, Java and Ada Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                              | E06YRLL | 58.630,11 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere FastTrack Workgroup Edition 10 Authorized Users Annual SW Subscription & Support Renewal                                                                                     | E0BS3LL | 58.630,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for the Enterprise HLL/WB Edition Per Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                               | E0IZ5LL | 58.630,11 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender for Red Hat OpenShift Virtual Processor Core Trade Up                                                                                                  | D09Y2ZX | 58.630,11 | Upgrade com Manutenção    |



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| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Facilities Manager Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                             | D0N6PLL | 58.630,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Real Estate Manager Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                            | D0N6KLL | 58.630,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Operations Manager Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                   | D0N6VLL | 58.630,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Reservation Coordinator Concurrent User License + SW Subscription & Support 12 Months                                                                                  | D15ALLL | 58.630,11 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AI Decision Coordination for Governance Production Install Subscription License                                                                                                          | D0GVMZX | 58.316,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AI Decision Coordination for Machine Learning Non-Production Install Subscription License                                                                                                | D0GVSZX | 58.316,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Advanced Certified Container Virtual Processor Core Software Subscription & Support Renewal                                                                      | E08C4ZX | 58.153,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Security Verify Privilege Vault Replication On-Premises Install SW Subscriptn & Supt Reinstatement 12 Months                                                                    | D28Z7LL | 58.146,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault Engines On-Premises Install SW Subscription & Support Reinstatement 12 Months                                                                            | D28IJLL | 58.146,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault Sites On-Premises Install SW Subscription & Support Reinstatement 12 Months                                                                              | D28IFLL | 58.146,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera faspex Application Install SW Subscription & Support Reinstatement 12 Months                                                                                                      | D1A24LL | 58.097,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Shares Application Install SW Subscription & Support Reinstatement 12 Months                                                                                                      | D1DLHLL | 58.097,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimization Studio Developer Edition Floating User Single Session from ILOG CPLEX Optimization Studio Developer Ed AU Trade Up License + SW Subscription & Support 12 Months | D17B1LL | 58.097,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Configuration Manager Asset License + SW Subscription & Support 12 Months                                                                                                   | D03WULL | 58.097,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Add-on for Global High Availability Mailbox for Non-Production Environment Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                | E0M4ELL | 58.097,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on for Global High Availability Mailbox for Non-Production Environment Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                  | E0M4GLL | 58.097,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                  | E0QNSLL | 58.097,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Managed 1G DED Link with 10G GTWY CONN Connection Overage                                                                                               | D09XIZX | 58.014,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic RosettaNet PIP Configuration On-Demand Setup per PIP                                                                                             | D10QGLL | 57.952,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Test Pack Virtual Testers 5000 Floating User Monthly License                                                                                                        | D1BFCLL | 57.752,23 | Saas                      |

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| Real | 12 |  | PPA | 7831 | IBM Content Engine Bulk Import Tool for IBM Content Foundation Non-Production Environment Virtual Server Annual SW Subscription & Support Renewal                                       | E0HRHLL | 57.564,11 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Curam Social Program Management Platform Authorized User License + SW Subscription & Support 12 Months                                                                              | DOQSHLL | 57.564,11 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Data Mart Pattern Virtual Server Annual SW Subscription & Support Renewal                                                                                                           | E0CXDLL | 57.564,11 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Engineering Workflow Management Developer Floating User Single Install from Eng Workflow Mgmnt Developer for Workgroups AUSI Trade Up License + SW Subscription & Support 12 Months | D0GN7LL | 57.564,11 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM FileNet Archive to Image Services Server Annual SW Subscription & Support Renewal                                                                                                   | E050NLL | 57.564,11 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet Content Engine Bulk Import Tool Non-Production Virtual Server Annual SW Subscription & Support Renewal                                                                      | E0DA6LL | 57.564,11 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet Document Publisher Non-Prod Server Annual SW Subscription & Support Renewal                                                                                                 | E04X1LL | 57.564,11 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet High Performance Image Import Non-Prod Server Annual SW Subscription & Support Renewal                                                                                      | E0527LL | 57.564,11 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet Image Services Resource Adapter Professional Edition Non-Prod Server License + SW Subscription & Support 12 Months                                                          | D04CVLL | 57.564,11 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rapid Network Automation Process Software Subscription and Support Reinstatement 12 Months                                                                                          | D0FN7ZX | 57.564,11 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Smart Analytics System 5710 Software Small Install Annual SW Subscription & Support Renewal                                                                                         | E0CU6LL | 57.564,11 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Transactional Database Pattern Virtual Server Annual SW Subscription & Support Renewal                                                                                              | E0CXCLL | 57.564,11 | Manutenção após Vigência  |
| Real | 1  |  | PPA | 7831 | IBM Automatic Data Lineage Non-Production Resource Unit Subscription License                                                                                                            | D08XKZX | 57.438,70 | Assinatura                |
| Real | 12 |  | PPA | 7831 | IBM Cognos Command Center Standard Edition for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                              | E0HRXLL | 57.421,49 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Cognos Integration Server Starter Edition Install Annual SW Subscription & Support Renewal                                                                                          | E0HRFLL | 57.421,49 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Floating User Single Install License + SW Subscription & Support 12 Months                                                  | D0TBCLL | 57.421,49 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Asset Manager Enterprise Edition Collaborator Floating User Single Install Annual SW Subscription & Support Renewal                                                        | E07RWLL | 57.421,49 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Rational Collaborative Lifecycle Management PRACTITIONER Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                              | D1118LL | 57.421,49 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Collaborative Lifecycle Management PRACTITIONER Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                           | E0LSILL | 57.421,49 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Sterling Order Management Store Edition Large per Resource Value Unit License + SW Subscription & Support 12 Months                                                                 | D0ZZTLL | 57.421,49 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Console 31XX Failover Install Annual SW Subscription & Support Renewal                                                                                 | E0G1FLL | 57.371,91 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Governance Express Unrestricted Add-on Non-Production Install Subscription License                                                                                     | D0D44ZX | 57.313,28 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Equipment Maintenance Assistant Saas 100 Item Overage                                                                                                                | D00QEZX | 57.206,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ELT Pushdown Express Unrestricted Add-on Install Monthly License                                                                                                            | D0D53ZX | 57.187,87 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 Integration Module Application instance Annual SW Subscription & Support Renewal 12 Months                                                             | E0P63LL | 57.068,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 Integration Module FOR ASL ONLY Application instance Annual SW Subscription & Support Renewal 12 Months                                                | E0P65LL | 57.068,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS Transaction Gateway Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                           | D09XCZX | 57.031,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Software Development Kit Authorized User License + SW Subscription & Support 12 Months                                                                     | D070WLL | 57.031,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 50 Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                            | D0BH0LL | 57.031,11 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 50 Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                         | E07ZXLL | 57.031,11 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Studio Premium Modernization Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                               | E03BHZX | 57.031,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Software Install from IBM QRadar Log Manager Install Trade Up License + SW Subscription & Support 12 Months                                                 | D1RNFL  | 56.988,99 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Concurrent User Licence + SW Subscription & Support 12 Months                                                                                                  | D0LGDLL | 56.933,34 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Endpoint 5Gbps Resource Value Unit Monthly License                                                                                               | D1W4ULL | 56.874,34 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C, C++, Java and Ada Floating User Single Install Annual SW Subscription & Support Renewal 12 Months                      | E079QLL | 56.811,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Composer Add On Authorized User SW Subscription & Support Reinstatement 12 Months                                       | D09HCLL | 56.811,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal            | E08HQZX | 56.624,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DevOps Model Architect Authorized User License + SW Subscription & Support                                                                                                  | D0FICZX | 56.498,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Floating User Single Install from Competitive Trade Up License + SW Subscription & Support 12 Months | D0GLMLL | 56.498,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer for WebSphere Software Authorized User License + SW Subscription & Support 12 Months                                                   | D0PVPLL | 56.498,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer for WebSphere Software Authorized User License + SW Subscription & Support 12 Months (z seller)                                        | D0PVSL  | 56.498,11 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Social Share for Salesforce Install License + SW Subscription & Support 12 Months                                                                                 | D0F0RZX | 56.498,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Archive Library Edition High End Libraries TS4500 Install License + SW Subscription & Support 12 Months                                                  | D0B76ZX | 56.498,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Reporting for Non Production Environment Install SW Subscription and Support Reinstatement 12 Months                                                      | D263JLL | 56.498,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Analyzer Workbench Concurrent User SW Subscription & Support Reinstatement 12 Months                                                       | D0CYKLL | 56.445,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest and ClearQuest MultiSite Floating User License + SW Subscription & Support 12 Months                                                          | D531VLL | 56.445,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest and ClearQuest MultiSite for zSeries (S390) Floating User UC License + SW Subscription & Support 12 Months                                    | D56CULL | 56.445,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager for Transactions for Web and Robotic Response and Tracking Resource Value Unit License + SW Subscription & Support 12 Months | D0ICCLL | 56.445,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Content Manager Interface Concurrent User License + SW Subscription & Support 12 Months                                              | D6110LL | 56.323,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Optical Character Recognition/Intelligent Character Recognition Engine Concurrent User License + SW Subscription & Support 12 Months | D610SLL | 56.323,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Professional Concurrent User Annual SW Subscription & Support Renewal                                                                                | E09QMLL | 56.323,16 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Regulatory Compliance Management on Cloud per Application per Month                                                                                     | D1TFJLL | 56.211,62 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One 21XX Failover Install Annual SW Subscription & Support Renewal                                                                    | E0G1CLL | 56.122,62 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for UK Payments Integration Virtual Server Monthly License                                                                          | D1CZJLL | 56.121,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Foundation Platinum 2.0 Instance Advanced Support per Month                                                                                               | E0FXNZX | 56.087,26 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Non-Production Virtual Processor Core License + SW Subscriptn and Support 12 Months                                         | D27RMLL | 55.965,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Standard Edition per Virtual Processor Core License + SW Subscription & Support 12 Months                                                      | D1ZXILL | 55.965,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Concurrent User License + SW Subscription & Support 12 Months              | D0YSVLL | 55.965,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor Concurrent User License + SW Subscription & Support 12 Months                                                    | D0EPCLL | 55.770,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Professional Authorized User from Standard Authorized User Trade Up License + SW Subscription & Support 12 Months                                 | D0EQWLL | 55.648,37 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X3 Integration Module Application instance Annual SW Subscription & Support Renewal                                                             | E09WDZX | 55.532,68 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X3 Integration Module FOR ESA ONLY Application instance Annual SW Subscription & Support Renewal                                        | E09WJZX | 55.532,68 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM ELT Pushdown Express Non-Production Install Subscription License                                                                                          | D0D4UZX | 55.494,81 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise 1 Gbps Install Monthly License                                                                                                          | D04F1ZX | 55.490,45 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Regulatory Compliance Management Application Subscription License                                                                               | D29KXLL | 55.490,45 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core License + SW Subscription & Support Reinstatement 12 Months   | D0C1MZX | 55.432,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Warehouse Cartridge for IBM Cloud Pak for Data Virtual Processor Core Software Subscription and Support Reinstatement 12 Months                       | D0AFQZX | 55.432,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Gateway Manager Server Install SW Subscription & Support Reinstatement 12 Months                                                      | D6DD2LL | 55.432,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Floating User SW Subscription & Support Reinstatement 12 Months                                                                  | D56Z6LL | 55.432,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Professional Authorized User from IBM SPSS Modeler Personal Authorized User Trade Up License + SW Subscription & Support 12 Months           | D1E1QLL | 55.432,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 5Gbps Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                          | E0P26LL | 55.346,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 5Gbps Resource Value Unit from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months              | D1YGDLL | 55.346,88 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal | E0QNLLL | 55.346,88 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics On Demand Consulting Silver for Business Analytics Engagement per Month                                                                         | D0180ZX | 55.341,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics On Demand Consulting Silver for Data Science Engagement per Month                                                                               | D0182ZX | 55.341,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics On Demand Consulting Silver for Hybrid Data Management Engagement per Month                                                                     | D0187ZX | 55.341,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics On Demand Consulting Silver for Unified Governance Engagement per Month                                                                         | D017XZX | 55.341,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud On Demand Consulting Silver for ECM Engagement per Month                                                                                            | D0184ZX | 55.341,09 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR per User Value Unit (Authorized User) Annual SW Subscription & Support Renewal                                                       | E0PZULL | 55.307,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR per User Value Unit (Authorized User) from Resilient Incident Response Legacy Trade Up License + SW Subscription & Support 12 Months | D22MXLL | 55.307,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services COLD Non-Prod Install Annual SW Subscription & Support Renewal                                                                     | E050TLL | 55.282,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Envizi - Saas Engagement Remotely Delivered SW Services                                                                                 | D0G9PZX | 55.173,64 | Permanente com Manutenção |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Capacity 2.5K Events Per Second Monthly License                                                                                                                                 | D1RP5LL | 55.090,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flows Capacity 100K Flows Per Minute Monthly License                                                                                                                                  | D1RQVLL | 55.090,22 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for HPC Install Annual SW Subscription & Support Renewal 12 Months                                                                                                                 | E0NZLLL | 54.899,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Analytics Enterprise Authorized User LIC + SW S&S 12 MO                                                                                                                                      | D0A24ZX | 54.899,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per WAP extension Group P20 SW SUPPORT 12 MO                                                                                                               | D1UQLLL | 54.899,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud 10 Terabytes SW Subscription & Support Reinstatement 12 Months                                                                                                   | D1VNJLL | 54.899,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud on AWS 10 Terabytes SW Subscription & Support Reinstatement 12 Months                                                                                            | D22TSLL | 54.899,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud on Azure 10 Terabytes SW S&S REINSTATE 12 MO                                                                                                                     | D08K3ZX | 54.899,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Large per Resource Value Unit from IBM Sterling Order Management Store Add on per Resource Value Unit Trade Up License + SW Subscription & Support 12 Months  | D103JLL | 54.899,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (1-100) LIC + SW S&S 12 MO                                                                                                                                     | D1INHLL | 54.899,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (1-100) LIC + SW S&S 12 MO                                                                                                                                     | D1IPSL  | 54.899,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody TestConductor Add On Floating User Single Install from Authorized User Trade Up License + SW Subscription & Support 12 Months                                     | D09R4LL | 54.858,74 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Workgroup Edition CPU Option Virtual Processor Core Trade up from Informix Express Edition Virtual Processor Core Trade Up License + SW Subscription & Support 12 Months                     | D229MLL | 54.858,74 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Floating User Single Install Trade Up from Eng Mgmnt Doors Next Analyst Floating User Single Install License + SW Subscription & Support 12 Months | D1I0JLL | 54.794,12 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                           | D0P21LL | 54.794,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Standard Edition for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                                                                   | D25VCLL | 54.736,70 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Server 100Mbps Install Monthly License                                                                                                                                     | D1W4ALL | 54.679,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Change Management Solution Enterprise Edition Floating User SW Subscription & Support Reinstatement 12 Months                                                                      | D531ALL | 54.672,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Virtual Processor Core from Information Analyzer Processor Value Unit Trade Up Lic + Subscr and Support 12 Months                                               | D28A1LL | 54.366,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for Non-Production Environment per Install License + SW Subscription & Support 12 Months                                                                         | D0ET1LL | 54.366,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Sterling File Gateway Standard Install Annual SW Subscription & Support Renewal 12 Months                                                                         | E0LEZLL | 54.366,10 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption OVA with Live Data Transformation per Resource Value Unit Trade Up License + SW Subscription & Support 12 Months                                                              | D1V85LL  | 54.341,87 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Deployment Manager Authorized User License + SW Subscription & Support 12 Months                                                                                                      | D0EIKLL  | 54.305,98 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments Non-Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                                           | D26SPLL  | 54.305,98 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Healthcare Non-Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                                                   | D26SCLL  | 54.305,98 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Dedicated Add-On 2.0 per Instance per Month                                                                                                                                                                         | D1M32LL  | 54.284,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Dedicated Add-On 2.0 per Instance per Month                                                                                                                                                             | D1M2XLL  | 54.284,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Dedicated Add-On per Instance per Month                                                                                                                                                                                  | D1M2RLL  | 54.284,01 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Floating User from Competitor Trade Up License + SW Subscription & Support 12 Months                                                                                 | D0PPBLL  | 54.248,55 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal                                                                                                 | E03QKZX  | 54.126,51 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Data Privacy Management Application Monthly License                                                                                                                                                                    | D0513ZX  | 53.911,16 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Floating User Single Install license from Analyst Authorized User Single Install license Trade Up + SW Subscription & Support 12 Months                                   | D0C2BLL  | 53.833,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Floating User License + SW Subscription & Support 12 Months                                                                                                        | D0APLLL  | 53.833,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Tools and Utilities Add On Floating User Single Install License + SW Subscription & Support 12 Months                                                                                        | D09QEEL  | 53.833,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Pack for SAS for Non-Production Environments per Install SW Subscription & Support Reinstatement 12 Months                                                                                                  | D0CZHLL  | 53.833,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Visual Inspection Mobile Client Device License + SW Subscription & Support 12 Months                                                                                                                                      | D26J8LL  | 53.833,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software Floating User Single Install from Rational Application Developer for WebSphere Software Authorized User Trade Up License + SW Subscription & Support 12 Months             | D54NFLL  | 53.833,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software for zSeller Floating User Single Install from Rational Application Developer for WebSphere Software Authorized User Trade Up License + SW Subscription & Support 12 Months | D59WGLL  | 53.833,10 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Business Continuity Management Application Monthly License                                                                                                                                                             | D28FGLL  | 53.767,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Internal Audit Management Application Monthly License                                                                                                                                                                  | D25UULL  | 53.767,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages IT Governance Application Monthly License                                                                                                                                                                              | D25UNLL  | 53.767,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Loss Event Entry Application Monthly License                                                                                                                                                                           | D1QXP LL | 53.767,58 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Model Risk Governance Application Monthly License                                                                                                        | D25V0LL | 53.767,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Policy Management Application Monthly License                                                                                                            | D25URLL | 53.767,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Third Party Risk Management Application MONTHLY LICENSE                                                                                                  | D25U7LL | 53.767,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak System Software Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                 | D26UVLL | 53.762,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal | E08H5ZX | 53.760,40 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege DevOps Vault Production 1000 Record per Annum                                                                                            | D04IMZX | 53.644,92 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM X-Force Exchange Commercial API Enterprise per Instance Advanced Support 12 Months                                                                                 | E0E98ZX | 53.413,48 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Premium Feature Pack non-production per Install Annual SW Subscription & Support Renewal                                                  | E0928ZX | 53.300,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Developer Edition Authorized User SW Subscription & Support Reinstatement 12 Months                                                   | D0952LL | 53.300,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Fabrication Authorized User Single Session Annual SW Subscription & Support Renewal                                                     | E0NWFL  | 53.300,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Concurrent User License Trade Up From Maximo Asset Management Concurrent User License + SW Subscription & Support 12 Months               | D1SD2LL | 53.300,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Concurrent User Trade Up from Maximo Asset Management Concurrent User + SW Subscription & Support 12 Months                                 | D1Q7FLL | 53.300,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Concurrent User Trade Up from Maximo Asset Management Concurrent User + SW Subscription & Support 12 Months                              | D1R6VLL | 53.300,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Concurrent User Trade Up from Maximo Asset Management Concurrent User + SW Subscription & Support 12 Months                                   | D1QAJLL | 53.300,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Studio Premium Cartridge for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                               | E037RZX | 53.300,10 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Build Forge Standard Edition Server Monthly License                                                                                                       | D1BHILL | 53.237,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Standard Install Monthly License                                                                                                             | D1845LL | 53.237,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise 25M for IBM Cloud Instance Pay Per Use                                                                                                      | D1M6ELL | 53.195,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Premium- API Based Instance Fee - OLD                                                                                                             | D1PX3LL | 53.195,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One Software 21XX LT Failover Install Annual SW Subscription & Support Renewal                                                         | E0I51LL | 53.172,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 100Mbps Install Annual SW Subscription & Support Renewal 12 Months                                                               | E0P1GLL | 53.143,34 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Big Replicate for Hadoop Virtual Server License + SW Subscription & Support 12 Months                                                                              | D1YFNLL | 53.085,62 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Premium Feature Pack for i non-production per Install Annual SW Subscription & Support Renewal                                            | E0925ZX | 53.085,62 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for MongoDB Large Instance Pay per Use                                                                                                   | D01G6ZX | 53.025,00 | Saas                      |



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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Authorized User SW Subscription & Support Reinstatement 12 Months                                                                          | D09HJLL | 52.873,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Authorized User SW Subscription & Support Reinstatement 12 Months                                                             | D09HNLL | 52.873,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 500 Mbps Install SW Subscription & Support Reinstatement 12 Months                                                                                                               | D04GYZX | 52.767,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Health Safety and Environment Manager Concurrent User License + SW Subscription & Support 12 Months                                                                                       | D1Q75LL | 52.767,10 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Managed 1G DED Link with 10G GTWY CONN Connection per Month                                                                                                     | D09XHZX | 52.729,49 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Content for MDM Server Resource Value Unit Monthly License                                                                                                                     | D19B4LL | 52.690,79 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester Authorized User License + SW Subscription & Support 12 Months                                                                                                         | D53NFLL | 52.660,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester for zSeries (S390) Authorized User License + SW Subscription & Support 12 Months                                                                                      | D54BSLL | 52.660,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Floating User Single Install license from Contributor Floating User Single Install license Trade Up + SW Subscription & Support 12 Months | D0PNYLL | 52.475,45 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Modernization Non Production Virtual Processor Core License + SW Subscription & Support 12 Months                                                                    | D0C05ZX | 52.340,70 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core SW Subscription and Support Renewal 12 Months                                               | E03JZZX | 52.295,98 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Breach Response Add-On per User Value Unit (Concurrent User) License + SW Subscription & Support 12 Months                                                                  | D22P0LL | 52.140,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 100 Mbps Install License + SW Subscription & Support 12 Months                                                                                                                   | D04FVZX | 52.077,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                                  | D087XLL | 51.970,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Architect Floating User SW Subscription & Support Reinstatement 12 Months                                                                                                        | D56SNLL | 51.914,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Architect zSeries Floating User SW Subscription & Support Reinstatement 12 Months                                                                                                | D59EVLL | 51.914,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning Modeler Authorized User Trade Up from Tier 1 Trade Up License + SW Subscription & Support 12 Months                                                                   | D0771LL | 51.864,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                          | E0QNQLL | 51.864,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Professional Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                   | D0EJVLL | 51.807,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Floating User SW Subscription & Support Reinstatement 12 Months                                                                                 | D09EQLL | 51.621,18 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Add-on for FIPS Install SW Subscription & Support Reinstatement 12 Months                                                                                                           | D0J5ZLL | 51.621,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on for FIPS Install SW Subscription & Support Reinstatement 12 Months                                                                                                             | D0J5VLL | 51.621,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Non-RDBMS Targets for Non-Prod Environments Per Install Annual SW Subscription & Support Renewal                                                                                | E0NA8LL | 51.563,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition - Archive File Access Terabyte LIC + SW S&S 12 MO                                                                                                               | D076WZX | 51.563,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Advanced Bare Metal Managed Server License + SW Subscription & Support 12 Months                                                                                                             | D0DU0ZX | 51.499,15 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 for IBM Cloud Pak for Data Non-Production Virtual Processor Core License + SW Subscription & Support 12Months                                | D08M8ZX | 51.437,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Web Services/IDM Toolkit Client Device SW Subscription & Support Reinstatement 12 Months                                                                                             | D04CDLL | 51.377,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Workgroup Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                    | D03VAZX | 51.377,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Accelerate on Cloud Capacity Base 50TB per Instance One Time Setup                                                                                                                                 | D1IYCLL | 51.230,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Accelerate on Cloud Performance Base 50TB per Instance One Time Setup                                                                                                                              | D1IY9LL | 51.230,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Connector for Fax Connection from Competitor (Kofax) Trade Up License + SW Subscription & Support 12 Months                                                                                         | D0NP3LL | 51.168,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Floating User                                                                                                                                                  | E080NLL | 51.168,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Floating User Initl FT LC+S&S 12 Mo                                                                                                                            | D0BHRLL | 51.168,10 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                       | D0H4JLL | 51.117,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Large per Resource Value Unit from IBM Sterling Order Management Store Edition Small per Resource Value Unit Trade Up License + SW Subscription & Support 12 Months | D103LLL | 51.117,93 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity 100 Events per Second SW Subscription & Support Reinstatement 12 Months                                                                                                      | D1RNLLL | 51.108,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Capacity Increase of 2.5K EPS Failover Install Annual SW Subscription & Support Renewal                                                                                   | E0G2YLL | 51.108,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Workgroup Edition Terabyte Annual SW Subscription & Support Renewal                                                                                                           | E0EMXLL | 51.061,50 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Enterprise Adapter Oracle Applications Server Monthly License                                                                                                                                        | D18QKLL | 51.039,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Enterprise Adapter SAP Applications Server Monthly License                                                                                                                                           | D18QILL | 51.039,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Risk Add-On for IBM i2 - Additional Applications for Retail Application Advanced Support 12 Months                                                                                                          | E0DVFZX | 50.963,52 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Disaster Recovery Software Install License + SW Subscription & Support 12 Months                                                                                                                     | D1RS8LL | 50.960,62 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Professional Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                    | E0N2MLL | 50.953,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Floating User License + SW Subscription & Support 12 Months                                                               | D6103LL | 50.953,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase and ClearCase MultiSite Floating User License + SW Subscription & Support 12 Months                                                | D531QLL | 50.953,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase and ClearCase MultiSite for zSeries (S/390) Floating User License + SW Subscription & Support 12 Months                            | D56ADLL | 50.953,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Analytic Server Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                 | D1TR8LL | 50.953,58 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Datacap Non-Production Environment Platinum Instance Advanced Support per Month                                                                           | E0FZRZX | 50.926,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Gold 2.0 Instance Advanced Support per Month                                                                                             | E0FYHZX | 50.926,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Non-Production Environment Silver 2.0 per Instance per Month                                                                             | D1NQTL  | 50.926,24 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Change Management Solution Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                   | D5381LL | 50.888,97 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Announcements for Salesforce Install SW Subscription & Support Reinstatement 12 Months                                                                | D0EZBZX | 50.848,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maps for Salesforce Install SW Subscription & Support Reinstatement 12 Months                                                                         | D0F04ZX | 50.848,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for IBM Storage Scale System per Install Annual SW Subscription & Support Renewal                             | E0DGMZX | 50.848,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Video for Salesforce Install SW Subscription & Support Reinstatement 12 Months                                                                        | D0F0XZX | 50.848,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant for Salesforce Install SW Subscription & Support Reinstatement 12 Months                                                             | D0F15ZX | 50.848,30 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition Accelerator for Oracle Applications Terabyte Monthly License                                 | D198ALL | 50.824,37 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Discovery Content Intelligence Cartridge for IBM Cloud Pak for Data Install Subscription License                                               | D26CSLL | 50.824,37 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Software for Non-Production Install License + SW Subscription & Support 12 Months                                                              | D21DDLL | 50.813,14 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Mgmt Software Professional Ed Certified Container Resource Value Unit SL UPGRADE                                                       | D0C0LZX | 50.791,86 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for Workgroups Starter Pack 10 Authorized User Single Install License + SW Subscription & Support 12 Months | D0PVHLL | 50.766,93 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Premium- User-Based Instance Fee - Pay Per Use                                                                                       | D213ELL | 50.662,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Medium-Large Instance Pay Per Use                                                                                                    | D20C9LL | 50.662,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Forms Processing Module Concurrent User Annual SW Subscription & Support Renewal                                         | E03T3LL | 50.635,10 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Floating User from Rational DOORS Web Access Reviewer Auth User Trade Up License + SW Subscription & Support 12 Months | D0APNLL | 50.584,93 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Cartridge for IBM Cloud Pak for Data Authorized User License + SW Subscription and Support 12 Months                                                     | D03JBZX | 50.584,93 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Copper 2.0 per Instance per Month                                                                                                                                       | D1NQQLL | 50.553,15 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Modernization Reserved Virtual Processor Core Subscription License                                                                                         | D09J0ZX | 50.541,04 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Modernization Virtual Processor Core Subscription License                                                                                                  | D03DKZX | 50.537,22 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Recovery Expert Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                         | D07YGZX | 50.522,86 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Red Hat OpenShift Resource Value Unit Monthly License                                                                                              | D28SULL | 50.478,33 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Terabyte Monthly License                                                                                                                 | D198RLL | 50.465,44 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition CPU Option Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                     | E0PTQLL | 50.400,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                               | E08HFZX | 50.343,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Raw Petabyte Storage Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                              | E0PL9LL | 50.265,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Standard Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                   | D03GEZX | 50.099,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MobileFirst Platform Foundation Additional Brand Deployment Application Annual SW Subscription & Support Renewal 12 Months                                                           | E0EKULL | 50.099,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MobileFirst Platform Foundation Additional Brand Deployment for iOS Application Annual SW Subscription & Support Renewal                                                             | E0KP8LL | 50.099,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Switches Client Device SW Subscription & Support Reinstatement 12 Months                                                                 | D0L4XLL | 50.099,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer Cluster Edition per Process License + SW Subscription & Support 12 Months                                                                                       | D1QZVLL | 50.034,72 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Risk Management for ESG Application Monthly License                                                                                                                        | D0BXDZX | 49.913,98 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Architect Authorized User License + SW Subscription & Support 12 Months                                                                                              | D56SGLL | 49.888,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Architect zSeries Authorized User License + SW Subscription & Support 12 Months                                                                                      | D59F9LL | 49.888,89 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics Content Hub Server Install Monthly License                                                                                                                                 | D0D6QZX | 49.851,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud for US Federal (TRIRIGA) Advanced Disaster Recovery Add-on,Instance Per Month                                                         | D1Y5LLL | 49.744,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Equipment Maintenance Assistant Saas 100 Item per Month                                                                                                                       | D00QDZX | 49.744,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Log Archival 100 Events Per Second On Demand Set Up                                                                                                                  | D0B9YZX | 49.744,80 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar SOAR Base Starter Service Engagement Remotely Delivered SW Services                                                           | D02TTZX | 49.744,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server Clustered 300Mbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months    | D1Y98LL | 49.732,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Floating User Single Install from Competitor Trade Up License + SW Subscription & Support 12 Months | D0GN6LL | 49.732,13 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Dedicated Db2 Warehouse on Cloud Accelerator Remotely Delivered Engagement Set Up                                                       | D1L60LL | 49.623,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Dedicated Db2 Warehouse on Cloud Jump Start Remotely Delivered Engagement Set Up                                                        | D1L5YLL | 49.623,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Authorized User License + SW Subscription & Support 12 Months                                                        | D0GYZLL | 49.611,19 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Authorized User License + SW Subscription & Support 12 Months                                                          | D0GZBLL | 49.611,19 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Authorized User License + SW Subscription & Support 12 Months                                                       | D0GZNLL | 49.611,19 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Authorized User License + SW Subscription & Support 12 Months                                                            | D0H00LL | 49.611,19 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Capacity Increase 50K to 100K FPM Failover Install Annual SW Subscription & Support Renewal                         | E0G37LL | 49.555,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Professional Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                    | D0EC5LL | 49.546,58 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Professional Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                 | E09ITLL | 49.546,58 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA CAD Integrator/Publisher Authorized User License + SW Subscription & Support 12 Months                                                | D0N5ZLL | 49.489,15 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Facility Assessment Concurrent User License + SW Subscription & Support 12 Months                                                     | D0N63LL | 49.489,15 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Individual Subscription with Red Hat - Security Authorized User per Annum                                                            | D04HWZX | 49.471,20 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Individual Subscription with Red Hat Data and AI Authorized User per Annum                                                           | D04B1ZX | 49.471,20 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Individual Subscription with Red Hat Learning Services - Systems Authorized User per Annum                                           | D04YWZX | 49.471,20 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Individual Subscrptn Red Hat Learning - Automation Authorized User per Annum                                                         | D04CMZX | 49.471,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas AD/LDAP Connection One-time Setup per Instance                                                     | D1VGILL | 49.433,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (101-250) LIC + SW S&S 12 MO                                                                           | D1INKLL | 49.424,54 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (101-250) LIC + SW S&S 12 MO                                                                           | D1IPULL | 49.424,54 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Capacity Increase from 500 to 1K EPS Install Annual SW Subscription & Support Renewal                       | E0G2ZLL | 49.391,11 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Operational Risk Management on Cloud Application per Month                                                                                      | D1KAGLL | 49.309,53 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Starter Edition Install Annual SW Subscription & Support Renewal                                                                    | E0HRULL | 49.302,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Accelerate Terabyte Annual SW S&S Rnwl                                                                  | E08TBZX | 49.302,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for JD Edwards EnterpriseONE Application instance Annual SW Subscription & Support Renewal                                              | E031YLL | 49.302,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Oracle E-Business Application instance Annual SW Subscription & Support Renewal                                                     | E031SLL | 49.302,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for PeopleSoft Enterprise Application instance Annual SW Subscription & Support Renewal                                                 | E01TZLL | 49.302,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for SAP Software Application instance Annual SW Subscription & Support Renewal                                                          | E01TYLL | 49.302,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Adapter for Siebel Business Applications Application instance Annual SW Subscription & Support Renewal                                          | E01U2LL | 49.302,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SVC for XIV SoftWare 2TB drives Storage Device Annual SW Subscription & Support Renewal                                                                   | E0C9FLL | 49.180,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Gold Keyless Authorized User from Modeler Premium Authorized User Trade Up License + SW Subscription & Support 12 Months                     | D10NILL | 49.036,09 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Supply Chain EDI for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months | D26SGLL | 49.036,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM COBOL for AIX Authorized User from COBOL for AIX Competitive User Trade Up License + SW Subscription & Support 12 Months                                  | D0NT9LL | 48.929,49 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Adaptor Toolkit Standard Edition Server Initial Fixed Term License + SW Subscription & Support 12 Months                             | D0BIRLL | 48.929,49 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Adaptor Toolkit Standard Edition Server Subsequent Fixed Term License + SW Subscription & Support 12 Months                          | E081NLL | 48.929,49 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core License + SW Subscription & Support 12 Months      | D0BYPZX | 48.879,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Concurrent User License + SW Subscription & Support 12 Months                                                                        | D0ELQLL | 48.878,98 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM COBOL for AIX Authorized User License + SW Subscription & Support 12 Months                                                                               | D5A1VLL | 48.814,36 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Production Server Connection per Connection SW Subscription & Support Reinstatement 12 Months                                       | D0ZZNLL | 48.814,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Express Edition CPU Option Limited Use Virtual Server SW Subscription & Support Reinstatement 12 Months                                          | D0A2PLL | 48.814,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal           | E0QNJLL | 48.814,36 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Tivoli Composite Applications for Application Diagnostics Resource Value Unit SW Subscription & Support Reinstatement 12 Months                              | D0ICLLL | 48.814,36 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Premium with access management integration 10 Eligible Participants per Annum                                                              | D1NTVLL | 48.799,68 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Premium with access management integration 100 Eligible Participants per Annum                                                             | D1NTULL | 48.799,68 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Modernization for IBM Cloud Pak for Data Virtual Processor Core Annual SW S&S Rnwl                                                                   | E05SZZX | 48.756,94 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar High Availability Software Install SW Subscription & Support Reinstatement 12 Months                                                                         | D1RS1LL | 48.748,34 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Professional Floating User Single Install Annual SW Subscription & Support Renewal                                            | E0CVHLL | 48.692,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Content Management System Monitor Managed Virtual Server Annual SW Subscription & Support Renewal                                                        | E0AY7LL | 48.692,33 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Operational Risk Management Application Subscription License                                                                                              | D29KPLL | 48.597,15 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D0980LL | 48.570,29 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E06YYLL | 48.570,29 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One 21XX LT Install Annual SW Subscription & Support Renewal                                                                            | E0I4YLL | 48.522,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Address Verification Interface Install Annual SW Subscription & Support Renewal                                                             | E0EI6LL | 48.448,26 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic RosettaNet PIP Configuration Set Up per PIP                                                                                 | D10QFLL | 48.376,82 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Workgroup Server Edition Limited Use Socket License + SW Subscription & Support 12 Months                           | D1CDPLL | 48.346,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Workgroup Server Edition Limited Use Socket License + SW Subscription & Support 12 Months                      | D1CEILL | 48.346,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Workgroup Server Edition Limited Use Socket License + SW Subscription & Support 12 Months                                           | D1CCALL | 48.346,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM STERLING FILE GATEWAY ADDON FOR B2BI ENTERPRISE EDITION NON-PRODUCTION FOR RED HAT OPENSIFT VIRTUAL PROCESSOR CORE TRADE UP                                         | D09Z6ZX | 48.183,29 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Strategic Facility Planning Install Annual SW Subscription & Support Renewal                                                                                | E0D9NLL | 48.183,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Facilities Install Annual SW Subscription & Support Renewal                                                                | E0D9PLL | 48.183,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Operations Install Annual SW Subscription & Support Renewal                                                                | E0D9RLL | 48.183,29 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Projects Install Annual SW Subscription & Support Renewal                                                                                            | E0D9ULL | 48.183,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Real Estate Install Annual SW Subscription & Support Renewal                                                                                         | E0D9LLL | 48.183,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Availability - Db2 Database Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                     | D24PDLL | 48.133,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Authorized User License + SW Subscription & Support 12 Months                                                                                                        | D56Z7LL | 48.133,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Floating User Single Install license + SW Subscription & Support Reinstatement 12 Months                                               | D0C2ALL | 48.076,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Standard Edition Simultaneous Session from IBM Sterling Connect-Direct Solo Edition Resource Value Unit Trade Up License + SW Subscription & Support 12 Months        | D1J4KLL | 47.902,68 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Virtual Processor Core from IBM Db2 Warehouse for zLinux per Virtual Processor Core Trade Up Lic + Subscr and Support 12 Months                         | D28J5LL | 47.780,64 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Virtual Processor Core from IBM Db2 Warehouse per Virtual Processor Core Trade Up Lic + Subscr and Support 12 Months                                    | D28J1LL | 47.780,64 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Multiplatform Base Resource Value Unit Monthly License                                                                                                      | D17ZPLL | 47.719,27 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody TestConductor Add On Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                       | D09IALL | 47.650,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Workgroup Edition CPU Option Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                | D229LLL | 47.594,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for SAP Applications for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                     | D26STLL | 47.594,01 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Test Pack Virtual Testers 2500 Floating User Monthly License                                                                                                             | D1BFBLL | 47.522,22 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Robotic Process Automation Environment Virtual Server SW Subscriptn & Supt Reinstatement 12 Months                                                                                            | D29B7LL | 47.493,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                      | E08GVZX | 47.414,54 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Authorized User Single Install Trade Up from ELMB Contributor Authorized User Single Install License + SW Subscription & Support 12 Months | D1I09LL | 47.386,92 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                     | D0BGLLL | 47.386,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                  | E07ZILL | 47.386,92 | Temporária com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Modernization Non Production Virtual Processor Core SW Subscription and Support Renewal 12 Months                                                                                                                              | E03NAZX | 47.280,32 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                                                                                          | D03HIZX | 47.235,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 1Gbps from Aspera High-Speed Transfer Endpoint 500Mbps Resource Value Unit Trade Up License + SW Subscription & Support 12 Months                                                                               | D1VYVLL | 47.170,47 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Asia Pacific Non Prod Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                             | D05FGZX | 47.170,47 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage AVI Reference Data - Address for Asia Pacific Non Prod Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                          | E05FHZX | 47.170,47 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Open Data for Industries for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal                                                                                                                                 | E049NZX | 47.170,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Processor 16XX Failover Install Annual SW Subscription & Support Renewal                                                                                                                                          | E0G1ULL | 47.106,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Authorized User License + SW Subscription & Support 12 Months                                                                                                                                                           | D1UXGLL | 47.048,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Non-Production 10K Flows Per Minute SW Subscription & Support Reinstatement 12 Months                                                                                                                            | D20N7LL | 47.027,33 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Case Manager Department Instance Advanced Support per Month                                                                                                                                                                                             | E0FYCZX | 47.008,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 for IBM Cloud Pak for Data Non-Production Virtual Processor Core from IBM?InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Trade Up License +SW Subscription & Support | D08N9ZX | 46.983,83 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Publishing Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                                                        | D0996LL | 46.983,83 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Publishing Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                                                     | E0704LL | 46.983,83 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 10K Flows Per Minute SW Subscription & Support Reinstatement 12 Months                                                                                                                         | D1RR6LL | 46.900,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Floating User Single Install from Eng Workflow Mgmnt Contributor FUSI Trade Up License + SW Subscription & Support 12 Months                                                 | D0GLQLL | 46.739,76 | Upgrade com Manutenção    |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Fulfillment Optimizer with Watson Million Order Lines Advanced Support per Annum                                                                                                                                                           | E0E63ZX | 46.710,36 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Floating User License + SW Subscription & Support 12 Months                                                                                                                                                                     | D531LLL | 46.682,32 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                                                             | D0PSSLL | 46.682,32 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench FTL Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                                                      | E0DTYLL | 46.682,32 | Temporária com Manutenção |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Enhanced Disaster Recovery for US Federal (TRIRIGA) FedRamp Non Production Instance High Add-On,Instance Per Month | D1WW1LL | 46.635,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages on Cloud Technical Support Advisor Instance Subscription per Month                                                                                      | D01VHZX | 46.635,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Real Estate and Facilities Management Saas Technical Support Advisor Instance per Month                                                                   | D02TFZX | 46.635,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Standard Edition VPC Option Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                          | D233SLL | 46.617,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Upgrade Environment Virtual Processor Core License + SW Subscription & Support 12 Months                                                                     | D29MELL | 46.534,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 2.5 Gbps Install Annual SW Subscription & Support Renewal                                                                                         | E04G0ZX | 46.477,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Option for IDS Workgroup Edition Limited Use Socket SW Subscription & Support Reinstatement 12 Months                                        | D0BNTLL | 46.251,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Spatial Asset Management Install Annual SW Subscription & Support Renewal                                                                                  | E0AVYLL | 46.251,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Authorized User from Competitive Trade Up License + SW Subscription & Support 12 Months                              | D53PGLL | 46.251,61 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Authorized User from Rose Developer Unix Authorized User Trade Up License + SW Subscription & Support 12 Months      | D53PFLl | 46.194,18 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM One Day Self Paced Learning for Unified Governance Engagement Remotely Del Svc                                                                                    | D01JLZX | 46.138,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM One Day Virtual Instructor Led Learning for Data Science and AI Engagement                                                                                        | D01KUZX | 46.138,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM One Day Virtual Instructor Led Learning for Hybrid Data Management Engagement                                                                                     | D01L0ZX | 46.138,30 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Business Automation Virtual Processor Core from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                            | D20RWLL | 46.107,72 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Reviewer Edition Authorized User License + SW Subscription & Support 12 Months                                                       | D095SLL | 46.051,29 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Authorized User Single Install License + SW Subscription & Support 12 Months                                     | D05T5LL | 46.051,29 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Print Printer License + SW Subscription & Support 12 Months                                                                                               | D04GDLL | 46.051,29 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM ELT Pushdown Express Unrestricted Add-on Install Subscription License                                                                                             | D0D54ZX | 45.838,09 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Authorized User Single Install Software Subscription & Support Reinstatement 12 Months                      | D08RCZX | 45.763,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Option Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                     | D263VLL | 45.763,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Option Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                          | D263YLL | 45.763,47 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Option Virtual Processor Core License + SW Subscription & Support 12 Months                                                       | D263RLL | 45.763,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Copy Data Management 10 Managed Terabyte SW Subscription & Support Reinstatement 12 Months                                                     | D1UBNLL | 45.763,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Control Virtual Processor Core Trade Up from IBM Spectrum Control Virtual Processor Core             | D08TFZX | 45.763,47 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Authorized User License + SW Subscription & Support 12 Months                       | D09PILL | 45.706,04 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 TIBCO EMS Module Application instance SW Subscription & Support Reinstatement 12 Months                                           | D1WMJLL | 45.573,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar High Availability Software Install from IBM QRadar Log Manager High Availability Install Trade Up License + SW Subscription & Support 12 Months | D1RS3LL | 45.573,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Risk Manager Added 100 Remote/Branch Configuration Source Install Annual SW Subscription & Support Renewal                             | E0G3ZLL | 45.573,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere Concurrent User License + SW Subscription & Support 12 Months                                                                          | D1QB8LL | 45.518,29 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Cartridge for IBM Cloud Pak for Data Virtual Processor Core Annual SW S&S Rnwl                                                          | E05SDZX | 45.518,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Workgroup Edition Authorized User License + SW Subscription & Support 12 Months                              | D16IELL | 45.397,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Version Control Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                          | D29LRLL | 45.397,35 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Pack for SAP Applications Install Monthly License                                                                        | D19H3LL | 45.368,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Pack for SAP BW Server Monthly License                                                                                   | D19H0LL | 45.368,64 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Account Lifecycle Manager Engines Instance per                                                                               | D06UHZX | 45.367,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM ECM System Monitor Virtual Processor Core License + SW Subscription & Support 12 Months                                                                | D28SQLL | 45.254,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Event Automation Virtual Processor Core License + SW Subscription & Support 12 Months                                                                  | D0DU6ZX | 45.198,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Authorized User License + SW Subscription & Support 12 Months                                                                 | D0H0CLL | 45.198,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Floating User Single Install SW Subscription & Support Reinstatement 12 Months  | D0GLLLL | 45.091,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 100 Mbps Install Annual SW Subscription & Support Renewal 12 Months                                               | E0KP7LL | 45.091,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 300 Mbps Non-Production Environment Install Annual SW Subscription & Support Renewal 12 Months                    | E0KPHLL | 45.091,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Express Edition Install SW Subscription & Support Reinstatement 12 Months                                                        | D1BCLLL | 44.973,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Express Edition Install SW Subscription & Support Reinstatement 12 Months                                                    | D1BCGLL | 44.973,82 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Personal Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                    | D1E1KLL | 44.973,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Integrated Workplace Manager Concurrent User Annual SW Subscription & Support Renewal                                                                                              | E0I8ZLL | 44.973,82 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM AI Decision Coordination - Dispatch Hundred Thousand API Calls SL UPGRADE                                                                                                                  | D0A3AZX | 44.897,50 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Small and Medium Enterprise Edition for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                      | E08COLL | 44.851,79 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Financial Controls Management Application MONTHLY LICENSE                                                                                                                        | D25UHLL | 44.772,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Expert Assistance Service 20 Hours Engagement Remotely Delivered Service Non Distinct                                                                                              | D01XMZX | 44.770,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per WAP extension Group P10 SW SUPPORT 12 MO                                                                                                    | D1UQKLL | 44.665,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Master Data Management Modernization Reserved Virtual Processor Core Annual SW S&S Rnwl                                                                                                    | E0994ZX | 44.665,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Aviation Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                      | D1GSRL  | 44.508,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Files Resource Value Unit (MVS) SW Subscription & Support Reinstatement 12 Months                                                                    | D1NEGL  | 44.508,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager For Applications Full Agent Pack Resource Value Unit License + SW Subscription & Support 12 Months                                                    | D0V2WLL | 44.402,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Composer Add On Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                       | D09B2LL | 44.345,68 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Composer Add On Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                    | E0720LL | 44.345,68 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X3 TIBCO EMS Module Application instance SW Subscription & Support Reinstatement 12 Months                                                                               | D09WPZX | 44.323,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Authorized User from Rational Rose Technical Developer Auth User Trade Up License + SW Subscription & Support 12 Months | D0CA2LL | 44.295,52 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Virtual SIEM Event Capacity Increase of 100 EPS Install SW Subscription & Support Reinstatement 12 Months                                                                  | D0WULL  | 44.236,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Virtual SIEM Flow Capacity Increase from 15K to 25K FPM Install SW Subscription & Support Reinstatement 12 Months                                                          | D0WUULL | 44.236,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Qradar Suite - EDR Expert Labs - Quick Start Service (2 Days) Engagement Remotely Delivered Services                                                                              | D0A49ZX | 44.148,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DevOps Model Architect Authorized User SW Subscription & Support Reinstatement                                                                                                             | D0FIEZX | 44.132,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor for Mainframe Sessions per Simultaneous Session Software Service & Support Reinstatement 12 Months                                                                  | D0V6CLL | 44.119,57 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM DataStage Enterprise Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core SW Subscription and Support Renewal 12 Months                                                                   | E035MZX | 44.119,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer for WebSphere Software Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                   | D0PVQLL | 44.119,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer for WebSphere Software Authorized User SW Subscription & Support Reinstatement 12 Months (z seller)                                                                        | D0PVTLL | 44.119,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo APM for E&U On-premise - Standard User per Concurrent User Annual SW Subscription & Support Renewal                                                                                                      | E0P37LL | 44.025,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Dashboards Floating User Single Session Annual SW Subscription & Support Renewal 12 Months                                                                                         | E0RBBLL | 43.997,54 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM STERLING B2B INTEGRATOR ADDON FOR FILE GATEWAY ENTERPRISE EDITION NON-PRODUCTION FOR RED HAT OPENSIFT VIRTUAL PROCESSOR CORE TRADE UP                                                                           | D09Z4ZX | 43.975,72 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Applications Virtual Processor Core Trade Up from Prior Programs License + SW Subscription & Support 12 Months                                                                                    | D24XNLL | 43.932,92 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (251-500) LIC + SW S&S 12 MO                                                                                                                                             | D1INMLL | 43.932,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (251-500) LIC + SW S&S 12 MO                                                                                                                                             | D1IPWLL | 43.932,92 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Virtual Processor Core Subscription License                                                                                                                                           | D28CWLL | 43.789,36 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Controller Enterprise Edition for Non-Production Environment Install Monthly License                                                                                                                     | D17MJLL | 43.706,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 OEM High Capacity Add-on Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                                           | D1MWMLL | 43.706,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Application Platform Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                                  | D0N5WLL | 43.706,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Portfolio Data Manager Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                                | D0N6ILL | 43.706,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Floating User Single Install from EWM Developer for IBM Enterprise Platforms AUSI Trade Up License + SW Subscription & Support 12 Months | D0GLNLL | 43.655,92 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                                                                          | E0QP5LL | 43.549,32 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise 500 Mbps Install Monthly License                                                                                                                                                              | D04FDZX | 43.455,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Modernization Virtual Processor Core Subscription License Upgrade                                                                                                                     | D03DJZX | 43.455,26 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Professional Concurrent User Annual SW Subscription & Support Renewal                                                                                                                           | E09NXLL | 43.444,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM PL/I for AIX Authorized User License + SW Subscription & Support                                                                                                                                                | D5AE5LL | 43.442,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Add-on for FIPS for Non-Production Environment Install License + SW Subscription & Support 12 Months                                                                                    | D0J60LL | 43.442,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on for FIPS for Non-Production Environment Install License + SW Subscription & Support 12 Months                                                                                      | D0J5WLL | 43.442,72 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Floating User SW Subscription & Support Reinstatement 12 Months                            | D09E5LL | 43.386,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                | D0BIELL | 43.386,28 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                             | E081BLL | 43.386,28 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Select Edition per Storage Device License + SW Subscription & Support 12 Months                                                       | D0PYMLL | 43.386,28 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM BigInsights BigIntegrate for Non Production Environments Virtual Server Annual SW Subscription & Support Renewal 12 Months                             | E0LXSLL | 43.265,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Floating User Single Install License + SW Subscription & Support 12 Months | D0DB8LL | 43.265,32 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure File Transfer-Container Edition Virtual Processor Core Monthly License                                                                          | D28YSLL | 43.204,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Secure File Transfer Container Edition with Red Hat OpenShift Virtual Processor Core Monthly License                                          | D06AHZX | 43.204,43 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Mid-Range Image Import Non-Prod Server SW Subscription & Support Reinstatement 12 Months                                                       | D04FNLL | 43.200,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software Floating User Single Install SW Subscription & Support Reinstatement 12 Months                   | D54NCLL | 43.200,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software for zSeller Floating User Single Install SW Subscription & Support Reinstatement 12 Months       | D59WBLL | 43.200,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Authorized User License + SW Subscription & Support 12 Months                                                                 | D0EKZLL | 43.200,71 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM CLOUD PAK FOR INTEGRATION RESERVED VIRTUAL PROCESSOR CORE TRADE UP FROM PRIOR PROGRAMS TRADE UP LIC + SUBSCR AND SUPPORT 12 MONTHS                     | D2600LL | 43.173,08 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Data Privacy Management Application Subscription License                                                                                     | D0515ZX | 43.071,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Authorized User Value Unit from Competitor (Kofax) Trade Up License + SW Subscription & Support 12 Months                     | D0NNZLL | 43.066,48 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery for Premium Environment Instance Pay Per Use                                                                                          | D20CGLL | 43.063,13 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Virtual Data Pipeline Workgroup Edition Terabyte SW Subscription & Support Reinstatement 12 Months                                          | D27RSLL | 43.016,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Capacity Increase from 1Kto 2.5K EPS Install Annual SW Subscription & Support Renewal                                | E0G31LL | 42.885,75 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Insurance Business Vocabulary, Medium Instance per Month                                                                                         | D1SR4LL | 42.842,71 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Composer Add On Floating User Single Install Annual SW Subscription & Support Renewal              | E077SLL | 42.803,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimization Studio Developer Edition Authorized User SW Subscription & Support Reinstatement 12 Months                                     | D0CV1LL | 42.803,12 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Change Management Solution Enterprise Edition Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                   | D0BH3LL | 42.803,12 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Change Management Solution Enterprise Edition Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                | E0800LL | 42.803,12 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Randori Recon - Standard Employee Overage                                                                                                                | D0CPJZX | 42.780,53 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Virtual Data Pipeline and Optim Data Privacy Terabyte SW Subscription and Support Renewal 12 Months                                                    | E0QU6LL | 42.696,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Non-Production 100 Events per Second License + SW Subscription & Support 12 Months                                             | D20MSLL | 42.623,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Floating User License + SW Subscription & Support 12 Months                                                                                    | D5315LL | 42.589,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 100 Events per second License + SW Subscription & Support 12 Months                                          | D1RPFLL | 42.548,07 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 45 Mbps Install License + SW Subscription & Support 12 Months                                                                                     | D04GJZX | 42.533,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Virtual Processor Core from Information Governance Catalog Processor Value Unit Trade Up Lic + Subscr and Support 12 Months | D28A0LL | 42.533,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Add On Concurrent User License + SW Subscription & Support 12 Months                                                                     | D1SH0LL | 42.533,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Add on Concurrent User License + SW Subscription & Support 12 Months                                                                       | D1Q7NLL | 42.533,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Add On per Concurrent User License + SW Subscription & Support 12 Months                                                                | D1R73LL | 42.533,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Add on Concurrent User License + SW Subscription & Support 12 Months                                                                         | D1QASLL | 42.533,11 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Standard with access management integration 10 Eligible Participants per Annum                                                           | D1NTTLL | 42.531,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Inspection Workbench Client Device SW Subscription & Support Reinstatement 12 Months                                                                              | D0454ZX | 42.468,50 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted Advanced XLarge Paygo Instance Pay Per Use                                                                                                             | D1PW7LL | 42.353,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud High Availability 12.128.1400 Paygo Instance Pay Per Use                                                                                             | D1P04LL | 42.353,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Business Continuity Management on Cloud Application instance per Month                                                                                  | D02QEZX | 42.283,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Data Privacy Management on Cloud Application per Month                                                                                                  | D0517ZX | 42.283,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Internal Audit Management on Cloud Application per Month                                                                                                | D1KAJLL | 42.283,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages IT Governance on Cloud Application per Month                                                                                                            | D1KAHLL | 42.283,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Loss Event Entry on Cloud per Application per Month                                                                                                     | D1TFLLL | 42.283,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Model Risk Governance on Cloud per Application per Month                                                                                                | D1TFILL | 42.283,08 | Saas                      |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Policy Management on Cloud Application per Month                                                                                                                  | D1KAILL | 42.283,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Risk Management for ESG on Cloud Application per Month                                                                                                            | D0BXQZX | 42.283,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Third Party Risk Management on Cloud Application per Month                                                                                                        | D1TFKLL | 42.283,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest and ClearQuest MultiSite Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                          | D5384LL | 42.270,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Maximo Asset Management Managed Service Providers Concurrent User SW Subscription & Support Reinstatement 12 Months                                                  | D1R65LL | 42.270,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest and ClearQuest MultiSite for zSeries (S390) Floating User UC from Competitive Trade Up License + SW Subscription & Support 12 Months                    | D56CXLL | 42.213,68 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Enterprise Bare Metal Small Instance Pay per Use                                                                                                               | D0ENIZX | 42.151,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for CrawfordTech Riptide ePresentment Non Production Server Server SW Support 12 Months                                                                       | D1BV5LL | 42.107,08 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Business Continuity Management Application Subscription License                                                                                                   | D29L3LL | 41.922,92 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Internal Audit Management Application Subscription License                                                                                                        | D29KVLL | 41.922,92 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages IT Governance Application Subscription License                                                                                                                    | D29KRLL | 41.922,92 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Loss Event Entry Application Subscription License                                                                                                                 | D29KGLL | 41.922,92 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Model Risk Governance Application Subscription License                                                                                                            | D29KZLL | 41.922,92 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Policy Management Application Subscription License                                                                                                                | D29KTLL | 41.922,92 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Third Party Risk Management Application Subscription License                                                                                                      | D29KKLL | 41.922,92 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Solo Edition Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                  | D1J4JLL | 41.922,92 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Essentials Software Install Extended Support Subscription Lic                                                                                                   | X0GPEZX | 41.887,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Automation Decision Services Establishment Monthly License                                                                                                                  | D0DLCZX | 41.887,61 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 500 Events Per Second Annual SW Subscription & Support Renewal 12 Months                                               | E0NBPLL | 41.872,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 500 Events Per Second Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months | D1S1VLL | 41.872,71 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage as a Service Small Bundle Instance Pay per Use                                                                                                                    | D09GJZX | 41.847,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-eInvoicing Clearance Setup per Country-Instance Setup                                                                                   | D04PPZX | 41.785,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Master Data Management Cartridge for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                       | E039KZX | 41.736,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                      | D09BWLL | 41.678,85 | Temporária com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months              | E072ULL | 41.678,85 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months    | D09BVLL | 41.678,85 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months | E072TLL | 41.678,85 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Service Tester for SOA Quality Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                              | E081YLL | 41.678,85 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM One Day Virtual Instructor Led Learning for Unified Governance Engagement                                                                              | D01JMZX | 41.661,27 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Modernization Virtual Processor Core Subscription License Upgrade                                                                            | D294QLL | 41.635,78 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Availability for Non-Production Systems Instance per Month                                    | D20LHLL | 41.536,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) for US Federal Availability for Non-Production Systems Instance per Month                     | D0BYMZX | 41.536,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for US Federal Saas Flex Availability for Non-Production Systems Instance per Month                                                         | D0C0SZX | 41.536,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex Availability for Non-Production Systems Instance per Month                                                                        | D20LGLL | 41.536,91 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Transparent Data Encryption per Client Device License + SW Subscription & Support 12 Months                | D0DGFZX | 41.523,91 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Starter Bundle on Cloud Instance per Month                                                                                                   | D05HSZX | 41.456,07 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Terabyte License + SW Subscription & Support 12 Months                                                             | D26W1LL | 41.417,31 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data for Non-Production Environment Virtual Processor Core Monthly License                                   | D296RLL | 41.385,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months         | D0CACLL | 41.360,88 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months      | E08H8LL | 41.360,88 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Authorized User License + SW Subscription & Support 12 Months                                                                  | D0GYALL | 41.360,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 500Mbps Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                      | D1VYKLL | 41.248,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Big SQL per Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                       | D1UUDLL | 41.248,14 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Big SQL Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                       | D1WL5LL | 41.248,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Workgroups Install SW Subscription & Support Reinstatement 12 Months                                                                                | D1VN5LL | 41.248,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Testing Environment Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                         | E0RBFLL | 41.248,14 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Advanced Threat Protection Feed by X-Force Instance per Month                                                                                                              | D01VKZX | 41.226,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Now Factory Sourceworks Data Collector Software for Non-Production Install Annual SW Subscription & Support Renewal                                                        | E0KPYLL | 41.190,71 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloudera Data Platform EDH for IBM Cloud Pak for Data Reserved Install Extended Support Subscription License                                                                   | X09HBZX | 41.009,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloudera Data Platform for IBM Cloud Pak for Data Reserved Install Extended Support Subscription License                                                                       | X09HCZX | 41.009,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software Authorized User License + SW Subscription & Support 12 Months                                                        | D54N4LL | 41.004,07 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software for zSeller Authorized User License + SW Subscription & Support 12 Months                                            | D59WCLL | 41.004,07 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Aviation Limited Use Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                          | D1GSXLL | 40.946,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Aviation Concurrent User Annual SW Subscription & Support Renewal                                                                                               | E0LL3LL | 40.882,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Supply Chain EDI Non-Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months       | D26SILL | 40.882,03 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                            | D09AYLL | 40.721,28 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                         | E071WLL | 40.721,28 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Managed Server Monitoring for Non-Referenced Programs via REST APIs Non-Production Environment Resource Value Unit (RVU) Monthly License 12 Months | D224GLL | 40.696,19 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Change Management Solution Floating User SW Subscription & Support Reinstatement 12 Months                                                              | D531HLL | 40.614,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Document Archive Retrieval Transport Non-Prod Server Annual SW Subscription & Support Renewal                                                                      | E052FLL | 40.508,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR MSSP Add-On per User Value Unit (Concurrent User) Annual SW Subscription & Support Renewal                                                            | E0Q1DLL | 40.489,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Floating User Single Install from Eng Workflow Mgmnt Contributor FUSI Trade Up License + SW Subscription & Support 12 Months     | D0GN9LL | 40.457,91 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Red Hat OpenShift Resource Value Unit Subscription License                                                                               | D28SVLL | 40.445,37 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising AddOn - Pre Production Environment 100,000 Order Lines Pay Per Use                                                                          | D06TGZX | 40.399,00 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Floating User from Competitor Trade Up License + SW Subscription & Support 12 Months                                                                                                  | D0PPFLL | 40.393,89 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Suite for Enterprise Install Monthly License                                                                                                                                                                                           | D1VNZLL | 40.319,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Terabyte License + SW Subscription & Support 12Months                                                                                                                                | D08KXZX | 40.214,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Availability - Db2 Database Non-Production Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                                | D24QCLL | 40.149,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Red Hat OpenShift Virtual Processor Core Trade up f IBM Sterling Transformation Ext Pack f Financial Payments Cert Container VPC Trade Up License + SW Subscription & Support | D08WWZX | 40.092,38 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM UrbanCode Deploy Server Agent Virtual Server Monthly License                                                                                                                                                                                        | D1BTVLL | 39.984,70 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Computing Suite for High Performance Analytics per Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                                                                        | D22ZFLL | 39.975,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (1-100) License + SW Subscription & Support 12 Months                                                                                                                                                  | D1N1YLL | 39.975,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx.data Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                                                                                   | D0F4SZX | 39.975,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Access Floating User License + SW Subscription & Support 12 Months                                                                                                                                                             | D60SALL | 39.924,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Elite Support for Eclipse 10 Authorized Users, 10 Contacts SW Support 12 Months                                                                                                                                                            | D59V0LL | 39.924,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TPF Toolkit , Authorized User, License + SW Subscription & Support 12 Months                                                                                                                                                                        | D5CVULL | 39.924,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Perform Apptio Turnkey Admin L2 Engagement per Month                                                                                                                                                                                    | D0GWNZX | 39.920,20 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Analytics Content Hub Server Install Subscription License                                                                                                                                                                                           | D0D6SZX | 39.881,02 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Risk Management for ESG Application Subscription License                                                                                                                                                                                  | D0DG9ZX | 39.881,02 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Secure Proxy Deployment Assurance Engagement Remotely Delivered Service -- Software Services                                                                                                                                               | D04YMZX | 39.881,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Deployment Assurance Engagement Remotely Delivered Service -- Software Services                                                                                                                                    | D04YPZX | 39.881,02 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Floating User Single Install Annual SW Subscription & Support Renewal                                                                                                                         | E077GLL | 39.818,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Floating User Single Install Annual SW Subscription & Support Renewal                                                                                                            | E079DLL | 39.818,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Session per Simultaneous Session Annual SW Subscription & Support Renewal                                                                                                                                                          | E0J1HLL | 39.818,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Modernization Virtual Processor Core Annual SW Subscription & Support Renewal                                                                                                                                                      | E0BZ9ZX | 39.761,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                                                                                            | D0GN5LL | 39.761,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 500 Mbps Install from Aspera Endpoint 300 Mbps Install Trade Up License + SW Subscription & Support 12 Months                                                                                                                       | D04GUZX | 39.711,71 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Client Edition Authorized User License + SW Subscription & Support 12 Months                                                                                                     | D0IVQLL | 39.711,71 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Authorized User Single Install Trade Up from ELMB Practitioner for Workgroups Authorized User Single Install License + SW Subscription & Support 12 Months | D1I0ALL | 39.711,71 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Scheduler Concurrent User License + SW Subscription & Support 12 Months                                                                                                               | D1Q6XLL | 39.655,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for SAP Applications Non-Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                          | D26SVLL | 39.655,27 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FIRST Risk Case Studies Access per Month                                                                                                                                                                      | D106DLL | 39.609,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Dedicated Node Base Ten Thousand Items Advanced Support 12 Months                                                                                                              | E0E35ZX | 39.547,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Professional Floating User Single Install from Rational Test Workbench Floating User Single Install Trade Up License + SW Subscription & Support 12 Months                    | D02KRZX | 39.539,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester Authorized User from Competitive Trade Up License + SW Subscription & Support 12 Months                                                                                            | D53VNLL | 39.482,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One 31XX Failover Install Annual SW Subscription & Support Renewal                                                                                                         | E0G1QLL | 39.456,74 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing 2D Barcode Processing Concurrent User License + SW Subscription & Support 12 Months                                                                                              | D610WLL | 39.417,59 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor Concurrent User from Authorized User Trade Up License + SW Subscription & Support 12 Months                                                                  | D127PLL | 39.417,59 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM One Day Virtual Instructor Led Learning for OpenPages with Engagement Remotely Delivered Service                                                                                                              | D01T9ZX | 39.298,39 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Floating User Single Install license + SW Subscription & Support 12 Months                                                                         | D0C2FLL | 39.228,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Contributor Floating User Single Install License + SW Subscription & Support 12 Months                                                                                            | D087SLL | 39.228,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Floating User Single Install License + SW Subscription & Support 12 Months                                                                                        | D0GMULL | 39.228,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Advanced Non-Prod Certified Container Virtual Processor Core Trade Up                                                                                                                 | D09Y5ZX | 39.228,87 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2Bi and SFG Enterprise Non-Production for Red Hat OpenShift Virtual Processor Core (VPC) SW Subscription & Support Reinstatement 12 Months                               | D27JFLL | 39.173,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Open XL Fortran for AIX Authorized User License + SW Subscription & Support 12 Months                                                                                                                             | D5APSL  | 39.116,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct Endpoint Install License + SW Subscription & Support 12 Months                                                                                                           | D1BZGLL | 39.015,67 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Automatic Test Generation Add On Floating User Single Install Monthly License                                                                                             | D1BQRLL | 38.877,72 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Enhanced Disaster Recovery for US Federal (TRIRIGA) FedRamp Non Production Instance Moderate Add-On,Instance Per Month                             | D1WW0LL | 38.863,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud for US Federal (TRIRIGA) FedRamp Moderate Add-On,Instance Per Month                                                                                | D1WVTLL | 38.863,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM FedRamp Moderate for US Federal Add-on Saas Flex,Instance Per Month                                                                                                                    | D1WV4LL | 38.863,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Randori Recon - Standard Employee per Month                                                                                                                                              | D0CPIZX | 38.863,13 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Gold Keyless Authorized User Annual SW Subscription & Support Renewal                                                                                                                | E0I31LL | 38.858,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | MQ High Availability Replica 100 Virtual Server Annual SW S&S Rnwl                                                                                                                                    | EQQ2KLL | 38.858,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center for Storwize Family per Storage Device SW Subscription & Support Reinstatement 12 Months                                                                                   | D13R6LL | 38.802,47 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Endpoint 2.5 Gbps Resource Value Unit Monthly License                                                                                                                  | D21Y0LL | 38.752,31 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Extension for VSE Floating User SW Subscription & Support Reinstatement 12 Months                                                                                     | D07A1LL | 38.685,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Floating User Single Install license from RequisitePro Floating User Single Install license Trade Up + SW Subscription & Support 12 Months | D0K1JLL | 38.627,96 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build for Compliance using IBM Security and Compliance Center Engagement Remotely Delivered Service                                                                                   | D0G4KZX | 38.587,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build for Power Virtual Server on IBM Cloud Engagement Remotely Delivered Service                                                                                                     | D0G4LZX | 38.587,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build for Red Hat OpenShift and IBM Cloud Satellite Engagement Remotely Delivered Service                                                                                             | D0G4MZX | 38.587,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build on IBM Cloud for CoE Engagement Remotely Delivered Service                                                                                                                      | D0G4NZX | 38.587,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build on IBM Cloud for Financial Services Engagement Remotely Delivered Service                                                                                                       | D0G4QZX | 38.587,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build on IBM Cloud for HPC Engagement Remotely Delivered Service                                                                                                                      | D0G4RZX | 38.587,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build on IBM Cloud for VMware Engagement Remotely Delivered Service                                                                                                                   | D0G4TZX | 38.587,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM BigInsights BigQuality for Non Production Environments Virtual Server Annual SW Subscription & Support Renewal 12 Months                                                                          | E0LXVLL | 38.563,34 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap 1000 External Pack User Value Unit License + SW Subscription & Support 12 Months                                                                                                          | D16S3LL | 38.563,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure Proxy Non-Production for Red Hat OpenShift Virtual Processor Core Software Subscription & Support Reinstatement 12 Months                                                         | D27FDLL | 38.563,34 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud with High Availability, Large, Gold Level Managed Services paygo per Instance, pay per use (labor based)                                                          | D1TVELL | 38.554,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise 300 Mbps Install Monthly License                                                                                                                                                | D04EBZX | 38.548,99 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Internal Service Provider Edition Install SW Subscription & Support Reinstate 12 Months                                                                                                               | D0LM2LL | 38.432,51 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Concurrent User Trade Up from Maximo Asset Management Concurrent User + SW Subscription & Support 12 Months                                                                               | D1R7DLL | 38.432,51 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 100 Floating User Annual SW Subscription & Support Renewal                                                                                                          | E012JLL | 38.432,51 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FIRST Data Add-On FastMap Version ACCESS per month                                                                                                                                                                 | D106ILL | 38.427,86 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FIRST Data Add-On XML Version Access per Month                                                                                                                                                                     | D106GLL | 38.427,86 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Data Privacy EE Accelerator for Oracle Applications Terabyte Monthly License                                                                                                                      | D198CLL | 38.405,42 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Floating User Single Install from Eng Workflow Mgmnt Developer AUSI Trade Up License + SW Subscription & Support 12 Months                                               | D0GN8LL | 38.376,07 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Netezza Performance Server for IBM Cloud Pak for Data Non-Production Virtual Processor Core SW S&S Reinstate 12 Mo                                                                                                 | D0ALKZX | 38.198,78 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Tools and Utilities Add On Floating User Single Install from Authorized User Trade Up License + SW Subscription & Support 12 Months                                            | D09R2LL | 38.197,24 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Authorized User Single Install from Engineering Test Management Contributor Authorized User Single Install Trade Up License + SW Subscription & Support 12 Months | D0PKFLL | 38.197,24 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for Cognos Analytics per Install SW Subscription & Support Reinstatement 12 Months                                                                                            | D0AVELL | 38.197,24 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for TM1 per Install SW Subscription & Support Reinstatement 12 Months                                                                                                         | D0AVILL | 38.197,24 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Floating User from Ratl Business Developer Authorized User Trade Up License + SW Subscription & Support 12 Months                                                                      | D6115LL | 38.197,24 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase and ClearCase MultiSite Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                                                                   | D5380LL | 38.197,24 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Speech to Text Library for Embed (125,000 Monthly Minutes) SW Subscription & Support Renewal                                                                                                                | E0CY2ZX | 38.162,87 | Manutenção após Vigência |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Process Mining Platform Instance Advanced Support per Annum                                                                                                                                                            | E0E70ZX | 38.129,40 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Log Manager Software Install SW Subscription & Support Reinstatement 12 Months                                                                                                                              | D1RSFLL | 38.129,37 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 25K Flows Per Minute Annual SW Subscription & Support Renewal 12 Months                                                                                       | E0NC9LL | 38.129,37 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 25K Flows Per Minute Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months                                         | D1S29LL | 38.129,37 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Crimes Insight Cartridge for IBM Cloud Pak for Data Reserved Install Extended Support Subscription Lic                                                                                                   | X09M5ZX | 38.125,25 | Saas                     |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Contributor Floating User Single Install License + SW Subscription & Support 12 Months                                    | D1JPXLL | 38.056,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Assess for Security and Compliance Essentials Direct Engagement Pay per Use                                                                         | D0GH6ZX | 37.996,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build on IBM Cloud for DevSecOps Direct Engagement Pay per Use                                                                                      | D0GHAZX | 37.996,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate to IBM Cloud for Financial Services Direct Engagement Pay per Use                                                                           | D0GHFZX | 37.996,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate to IBM Cloud for VMware Direct Engagement Pay per Use                                                                                       | D0GHGZX | 37.996,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan on IBM Cloud for CoE Direct Engagement Pay per Use                                                                                             | D0GHJZX | 37.996,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan on IBM Cloud for DevSecOps Direct Engagement Pay per Use                                                                                       | D0GHKZX | 37.996,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan on IBM Cloud for SRE Direct Engagement Pay per Use                                                                                             | D0GHLZX | 37.996,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Data Store for Disaster Recovery Connection Annual SW Subscription & Support Renewal 12 Months                                                  | E0P3CLL | 37.981,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                             | D1HZMLL | 37.949,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Floating User Single Install license Initial Fixed Term License + SW Subscription & Support 12 Months    | D0C3FLL | 37.949,67 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Floating User Single Install license Subsequent Fixed Term License + SW Subscription & Support 12 Months | E08CFLL | 37.949,67 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Open Source Support for Application Servers Open Source Software Support Passport Advantage Jboss/Wildfly per Server SW Support 12 Months                 | D1XCDLL | 37.902,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Authorized User Single Install License + SW Subscription & Support 12 Months                                          | D0GMDLL | 37.895,74 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Financial Transaction Manager for Multiplatform Base Resource Value Unit Subscription License                                                                   | D276NLL | 37.874,42 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Exp Labs - IBM SevOne NPM One Week Remote Solution Build - Non-Saas Engagement Remotely Delivered Service                                                       | D08YJZX | 37.842,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak for Network Automation One Week Remote Solution Build - Non-Saas Engagement Remotely Delivered SW Services                              | D06WWZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak for Network Automation One Week Remote Solution Build - Saas Engagement Remotely Delivered Service                                      | D06XVZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak System One Week Remote Solution Build - Non-Saas Engagement Remotely Delivered SW Services                                              | D06XLZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak System One Week Remote Solution Build - Saas Engagement Remotely Delivered Service                                                      | D06XQZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - IBM Cloud Pak for Business Automation One Week Remote Solution Build - Non-Saas Engagement Remotely Delivered SW Services                         | D06WQZX | 37.842,00 | Permanente com Manutenção |

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| Real | 12 |  | PPA | 7831 | IBM Expert Labs - IBM Cloud Pak for Business Automation One Week Remote Solution Build - Saas Engagement Remotely Delivered Service   | D06WRZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs - IBM Cloud Pak for Integration One Week Remote Solution Build - Saas Engagement Remotely Delivered Service           | D06WTZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs - IBM Cloud Pak for Watson AIOps One Week Remote Solution Build - Saas Engagement Remotely Delivered Service          | D06X4ZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs - IBM Cloud Pak for WatsonAIOps One Week Remote Solution Build - Non-Saas Engagement Remotely Delivered SW Services   | D06X3ZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs - IBM WebSphere Hybrid Edition One Week Remote Solution Build - Non-Saas Engagement Remotely Delivered SW Services    | D06XTZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs - IBM WebSphere Hybrid Edition One Week Remote Solution Build - Saas Engagement Remotely Delivered Service            | D06XUZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Analytics & Cognos One Week Remote Solution Build - Saas Engagement Remotely Delivered Service -- Cloud Services      | D0708ZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Analytics & Cognos One Week Remote Solution Build-Non-Saas Engagement Remotely Delivered Service -- Software Services | D0709ZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs B2B One Week Remote Solution Build - Non-Saas Engagement Remotely Delivered Service - Software Services               | D06VBZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs B2B One Week Remote Solution Build - Saas Engagement Remotely Delivered Service - Cloud Services                      | D06VFZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Cloud Pak for Data One Week Remote Solution Build - Saas Engagement Remotely Delivered Service- Cloud Services        | D06XDZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Cloud Pak for Data One Week Remote Solution Build-Non-Saas Engagement Remotely Delivered SW Services                  | D06W9ZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Data Science One Week Remote Solution Build - Saas Engagement Remotely Delivered Service                              | D06ZLZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Data Science One Week Remote Solution Build-Non-Saas Engagement Remotely Delivered Service Software Services          | D0705ZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Databases One Week Remote Solution Build - Saas Engagement Remotely Delivered Service - Cloud Services                | D06U6ZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Databases One Week Remote Solution Build-Non-Saas Engagement Remotely Delivered - Software Services                   | D06W4ZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs DataOps One Week Remote Solution Build - Saas Engagement Remotely Delivered Service                                   | D06ZQZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs DataOps One Week Remote Solution Build-Non-Saas Engagement Remotely Delivered Service Software Services               | D0706ZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Engineering One Week Remote Solution Build - Non-Saas Engagement Remotely Delivered SW Services                       | D06YFZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Engineering One Week Remote Solution Build - Saas Engagement Remotely Delivered Service                               | D06YJZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Environmental Intelligence Suite One Week Remote Solution Build - Non-Saas Engagement Remotely Delivered Services     | D06Y4ZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Environmental Intelligence Suite One Week Remote Solution Build - Saas Engagement Remotely Delivered Services         | D06Y9ZX | 37.842,00 | Permanente com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Maximo One Week Remote Solution Build - Non-Saas Engagement Remotely Delivered SW Services                                            | D06YPZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Maximo One Week Remote Solution Build - Saas Engagement Remotely Delivered Service                                                    | D06YTZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs OpenPages One Week Remote Solution Build - Saas Engagement Remotely Delivered Service -- Cloud Services                               | D070BZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs OpenPages One Week Remote Solution Build-Non-Saas Engagement Remotely Delivered Service -- Software Services                          | D070CZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Supply Chain One Week Remote Solution Build - Non-Saas Engagement Remotely Delivered Service - Software Services                      | D06VPZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Supply Chain One Week Remote Solution Build - Saas Engagement Remotely Delivered Service - Cloud Services                             | D06VTZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs TRIRIGA One Week Remote Solution Build - Non-Saas Engagement Remotely Delivered SW Services                                           | D06WLZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs TRIRIGA One Week Remote Solution Build - Saas Engagement Remotely Delivered Service - Cloud Services                                  | D06X9ZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Watson One Week Remote Solution Build - Saas Engagement Remotely Delivered Service                                                    | D06ZUZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Watson One Week Remote Solution Build-Non-Saas Engagement Remotely Delivered Service Software Services                                | D0707ZX | 37.842,00 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM US Secure Support Standard Engagement per Annum                                                                                                   | D04R5ZX | 37.827,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Application Dependency Discovery Manager Discovery Manager Install Monthly License                                                         | D18P7LL | 37.749,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise Install Monthly License                                                                       | D18XALL | 37.749,01 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 300 Mbps Install SW Subscription & Support Reinstate 12 Months                                                                    | D04GFZX | 37.686,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Reporting Install Annual SW Subscription and Support Renewal                                                                              | E0QI6LL | 37.686,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Authorized User Single Install license + SW Subscription & Support 12 Months               | D06WBLL | 37.629,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG/COBOL + Modernization Tools, Java Edition Floating User Single Install License + SW Subscription & Support 12 Months | D02N4LL | 37.629,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 2.5 Gbps Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                               | E0PRGLL | 37.579,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 2.5 Gbps Resource Value Unit from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months   | D21XYLL | 37.579,71 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Authorized User Annual SW Subscription & Support Renewal                                                                     | E09R3LL | 37.579,71 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Floating User Single Install from IBM Rational Software Architect Designer Authorized User Single Install Trade Up License + SW Subscription & Support 12 Months | D0PW3LL | 37.523,27 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Archive Workgroup Edition Accelerator Oracle Applications Terabyte Monthly License                                                                                                   | D199BLL | 37.472,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Express Edition for Non-Production Environment Install License + SW Subscription & Support 12 Months                                                                            | D1BCMLL | 37.465,02 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Express Edition for Non-Production Environment Install License + SW Subscription & Support 12 Months                                                                        | D1BCHLL | 37.465,02 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management Advanced Authorized User License + SW Subscription & Support 12 Months                                                                                                  | D1UX7LL | 37.465,02 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Modernization Virtual Processor Core from Prior Data Replication Programs for Db2 Database Trade Up License + SW Subscription & Support          | D08N5ZX | 37.465,02 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Authorized User License + SW Subscription & Support 12 Months                                                                                        | D09KNLL | 37.465,02 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Security QRadar Risk Manager Added 50 Remote Branch Configuration Source Install Annual SW S&S Rnwl                                                                                                       | E0G3YLL | 37.391,94 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Security QRadar Risk Manager Added 50 Remote Branch Configuration Source Install Annual SW S&S Rnwl                                                                                                       | E0JWGLL | 37.391,94 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Integrator Connection per Connection Annual SW Subscription & Support Renewal                                                                                                                 | E0C87LL | 37.342,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Gateway with DRDA Server Install Annual SW Subscription & Support Renewal                                                                                                         | E2DD9LL | 37.342,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Apptio Cloudability Standard Onboarding Engagement Remotely Del Svc                                                                                                                 | D0GW3ZX | 37.308,60 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FIRST Data Add-On Security Directory Integrator Version Access per Month                                                                                                                              | D1Q27LL | 37.308,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Equipment Maintenance Assistant Saas Non-Production Instance per Month                                                                                                                         | D018CZX | 37.308,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Classic Edition on Cloud per Instance per Month                                                                                                                                             | D1TFFLL | 37.308,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Labor-Project Extension Fee-Engagement Pay Per Use                                                                                                                | D00B2ZX | 37.308,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody TestConductor Add On Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                | D097YLL | 37.285,56 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody TestConductor Add On Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                             | E06YWLL | 37.285,56 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Industry Solutions Workbench Non-Production Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                 | E0QGELL | 37.285,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Cartridge for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal                                                                                 | E0C18ZX | 37.153,31 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Solutions Accelerator Client Edition Authorized User License + SW Subscription & Support 12 Months                                  | D0N7BLL | 37.153,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Configuration Manager Authorized User License + SW Subscription & Support 12 Months                                                                 | D03WYLL | 37.153,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Capital Projects Manager Concurrent User SW Subscription & Support Reinstatement 12 Months                                                               | D0N71LL | 37.096,87 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog PayGo Professional Edition Instance Pay per Use                                                                                         | D008AZX | 37.084,95 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Authorized User SW S&S Reinstatement 12 Mo                                                                          | D53PELL | 37.041,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentran-Director Install SW Subscription & Support Reinstatement 12 Months                                                                              | D0J0ELL | 37.041,49 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Cognos Analytics User Reserved Virtual Processor Core Subscription License                                                                    | D09IYZX | 36.996,54 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Extension for VSE Authorized User License + SW Subscription & Support 12 Months                                                      | D07A4LL | 36.940,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 1 Gbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                     | D04FFZX | 36.883,67 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for CrawfordTech Riptide ConversionServices Non Production Server Server SW Support 12 Months                                                      | D1B7VLL | 36.833,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Medium for Red Hat OpenShift per Resource Value Unit License + SW Subscription & Support 12 Months              | D26RNLL | 36.833,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data - Enterprise Edition Transition Virtual Processor Core from Prior Virtual Processor Core Trade Up License + Software & Subscription 12 Months | D064WZX | 36.797,42 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Large for Red Hat OpenShift per Resource Value Unit SW Subscription & Support Reinstatement 12 Months           | D26RSLL | 36.777,07 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management RDM Hub for Non-Financial Service Non- Production Install Monthly License                                                      | D1GQ6LL | 36.745,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per Additional LPAR Group P20 SW SUPPORT 12 MO                                                                        | D1UQFLL | 36.726,90 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising AddOn - Pre Production Environment 100,000 Order Lines Subscription Per Month                                                     | D06TFZX | 36.724,10 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Control Virtual Processor Core Annual SW S&S Rnwl                                                              | E08TGZX | 36.610,77 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager Enterprise Edition on Cloud Gold Instance Advanced Support per Month                                                                                 | E0FZ7ZX | 36.562,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AI Decision Coordination for Governance Non-Production Install Monthly License                                                                                   | D0GVGZX | 36.557,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Content Management System Monitor Non-Prod Starter Edition Managed Virtual Server SW Subscription & Support Reinstatement 12 Months                   | D0IFMLL | 36.553,35 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Non Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months | D08VDZX | 36.488,74 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Virtualize Virtual Processor Core Trade Up from IBM Spectrum Virtualize Virtual Processor Core                                    | D08TQZX | 36.488,74 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Enterprise Edition for Non-Production Environment Install Annual SW Subscription & Support Renewal 12 Months                                                              | EOQFMLL | 36.431,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Standard Edition Install Annual SW Subscription & Support Renewal 12 Months                                                                                               | EOQFILL | 36.431,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Business Applications for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                                | D0N77LL | 36.431,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Real Estate Environmental Sustain Impact Manager for Non-Production Environment Install Annual SW Subscription & Support Renewal                                            | E0D96LL | 36.431,31 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic RosettaNet Trade Partner Configuration On-Demand Setup charge per PIP                                                                       | D10QILL | 36.375,89 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Real Estate Environmental Sustainability Manager Concurrent User SW Subscription & Support Reinstatement 12 Months                                                          | D0N5LLL | 36.309,27 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Federal Datacenter Add-On per Instance Monthly Subscription with Support                                                                                               | D1V3CLL | 36.251,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Federal Datacenter Add-On per Instance Monthly Subscription with Support                                                                                   | D1V3DLL | 36.251,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Federal Datacenter Add-On per Instance Monthly Subscription with Support                                                                                                    | D1V3FLL | 36.251,52 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Pack for SAS per Install Annual SW Subscription & Support Renewal                                                                                              | E08RSLL | 36.244,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Collaboration Professional Authorized User License + SW Subscription & Support 12 Months                                                                        | D1NF8LL | 36.244,07 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise for Manufacturing Install Trade Up from App Connect for Manufacturing Factory                                                                                | D0ATZZX | 36.087,30 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Floating User from Ratl DOORS Web Access Reviewer Float User Trade Up License + SW Subscription & Support 12 Months     | D0ASHLL | 36.087,30 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Authorized User from Competitive Product Trade Up License + SW Subscription & Support 12 Months                                                            | D574LLL | 36.087,30 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Authorized User from Rational Rose Modeler Authorized User Trade Up License + SW Subscription & Support 12 Months                                          | D57EVLL | 36.087,30 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Authorized User from Ratl Rose Developer for Java Authorized User Trade Up License + SW Subscription & Support 12 Months                                   | D57EXLL | 36.087,30 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Authorized User from Rose Developer for Visual Studio Authorized User Trade Up License + SW Subscription & Support 12 Months                               | D57EYLL | 36.087,30 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Breach Response Add-On per User Value Unit (Concurrent User) from SOAR Privacy (Authorized User) Trade Up License + SW Subscription & Support 12 Months    | D22UFL  | 36.052,64 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Talent Frameworks Upgrade Instance Remotely Delivered Data Service                                                                                                              | D0BLRX  | 36.043,44 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Integration Designer per Authorized User License + SW Subscription & Support 12 Months                                                                                          | D0INXL  | 36.030,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                            | D0H4QL  | 35.980,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (101-250) License + SW Subscription & Support 12 Months                                                                            | D1N23LL | 35.980,70 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Software Supply Collaboration Add-on for Red Hat OpenShift Resource Value Unit Monthly License                                                        | D26RDLL | 35.930,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                               | D0C35LL | 35.924,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software Floating User Single Install from Competitive Products Trade Up License + SW Subscription & Support 12 Months             | D54NZLL | 35.924,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software for zSeller Floating User Single Install from Competitive Products Trade Up License + SW Subscription & Support 12 Months | D59WHLL | 35.924,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Professional Floating User Single Install Annual SW Subscription & Support Renewal                                                              | E02KUZ  | 35.817,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (1-100) Trade Up IBM_TO IBM 1 TRDUP LIC + SW S&S 12 MO                                                                                   | D1INJLL | 35.817,67 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Modernization Virtual Processor CoreTrade Up from Prior Data Replication Programs Trade Up Lic + Subscr and Support 12 Months                       | D0BZTX  | 35.767,50 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Floating User Single Install Annual SW Subscription & Support Renewal                                                                                   | E0DTKLL | 35.756,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Floating User Single Install Migration from Legacy Green Hat Acquisition Trade Up License + SW Subscription & Support 12 Months                         | D0TE8LL | 35.756,52 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Exp Labs - Turbonomic ARM for IBM Cloud Paks One Week Remote Solution Build - Non-Saas Engagement Remotely Delivered Service                                                    | D08YTX  | 35.700,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - IBM Observability by Instana One Week Remote Solution Build - Saas Engagement Remotely Delivered Service - Cloud Services                                         | D06W1ZX | 35.700,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - IBM Observability by Instana One Week Remote Solution Build -Non-Saas Engagement Remotely Delivered Service - Software Services                                   | D06VYZ  | 35.700,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway AddOn for B2Bi Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                    | EQNULL  | 35.699,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Analytics Enterprise Cartridge for IBM Cloud Pak for Data Authorized User SW S&S Reinstat 12 Mo                                                                        | D0AS9ZX | 35.604,47 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer per Floating User Single Install License + SW Subscription & Support 12 Months                                                  | D0G5NLL | 35.512,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Authorized User Single Install from Eng Test Mgmt Quaty Prof for Wgps AUSI Trade Up License + SW Subscription & Support 12 Months | D0VM6LL | 35.512,45 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Console 31XX Failover Install Annual SW Subscription & Support Renewal                                                                                 | E0G1SLL | 35.456,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Virtual Processor Core from IBM Streams RVU Trade Up Lic + Subscr and Support 12 Months                                                      | D26X7LL | 35.447,70 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud with High Availability, Medium, Gold Level Managed Services paygo per Instance, pay per use (labor based)                                          | D1TVDLL | 35.413,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud with High Availability, Small, Gold Level Managed Services paygo per Instance, pay per use (labor based)                                           | D1TVCLL | 35.413,09 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months               | D0GL8LL | 35.390,42 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months            | E0APKLL | 35.390,42 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Authorized User from Maximo Asset Management Limited Use Authorized User Trade Up License + SW Subscription & Support 12 Months                           | D0GZ2LL | 35.390,42 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Authorized User from Maximo Asset Management Limited Use Authorized User Trade Up License + SW Subscription & Support 12 Months                             | D0GZDLL | 35.390,42 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Authorized User from Maximo Asset Management Limited Use Authorized User Trade Up License + SW Subscription & Support 12 Months                          | D0GZRLL | 35.390,42 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Authorized User from Maximo Asset Management Limited Use Authorized User Trade Up License + SW Subscription & Support 12 Months                               | D0H03LL | 35.390,42 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF RTM Server Install Annual SW Subscription & Support Renewal 12 Months                                                                                                 | E02YKZX | 35.390,42 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Modernization for Non-Production Environment Reserved Virtual Processor Core Subscription License                                                                        | D09M9ZX | 35.366,18 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Aruba Wi-Fi LAB Install Annual SW S&S Rnwl                                                                                                               | E0BH5ZX | 35.341,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Aruba Wi-Fi LAB Install Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                         | D0BH4ZX | 35.341,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco ACI LAB Install Annual SW S&S Rnwl                                                                                                                 | E0BHEZX | 35.341,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco ACI LAB Install Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                           | D0BHDZX | 35.341,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco SD-WAN LAB Install Annual SW S&S Rnwl                                                                                                              | E0BHNZX | 35.341,10 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco SD-WAN LAB Install Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months    | D0BHMZX | 35.341,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco Wi-Fi LAB Install Annual SW S&S Rnwl                                                                           | E0BHXZX | 35.341,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco Wi-Fi LAB Install Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months     | D0BHWZX | 35.341,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Nuage SD-WAN LAB Install Annual SW S&S Rnwl                                                                          | E0BI5ZX | 35.341,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Nuage SD-WAN LAB Install Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months    | D0BI4ZX | 35.341,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Versa SD-WAN LAB Install Annual SW S&S Rnwl                                                                          | E0BIDZX | 35.341,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Collector for Versa SD-WAN LAB Install Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months    | D0BICZX | 35.341,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne xStats Adapter for Accedian Vision EMS Install Annual SW S&S Rnwl                                                                       | E0BJXZX | 35.341,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne xStats Adapter for Accedian Vision EMS Install Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months | D0BJWZX | 35.341,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Big Data Resource Value Unit (MVS) License + SW Subscription & Support 12 Months                         | D1NEBLL | 35.332,98 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (1-100) License + SW Subscription & Support 12 Months                                                           | D1IVULL | 35.332,98 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Financial Controls Management on Cloud Application per Month                                                                         | D1KAFLl | 35.256,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Floating User Single Install License + SW Subscriptn and Support 12 Months                   | D272XLL | 35.234,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Reservation Coordinator Concurrent User SW Subscription & Support Reinstatement 12 Months                                    | D15AMLL | 35.234,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Open XL CC++ for AIX Authorized User LIC + SW S&S 12 MO                                                                                            | D5AHLlL | 35.234,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Integration Reserved Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                   | E0QGKLL | 35.178,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Integration Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                            | E0PPBLL | 37.310,07 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Information Server Modernization Reserved Virtual Processor Core Subscription License                                                          | D09NRZX | 35.178,07 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Modernization Virtual Processor Core Subscription License                                                                   | D0368ZX | 35.175,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for PostgreSQL Large Instance Pay per Use                                                                            | D01JSZX | 35.175,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor B2Bi and SFG Enterprise for Redhat Openshift Certified Container Virtual Processor Core Trade Up License                | D09YTZX | 35.071,47 | Upgrade com Manutenção    |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Authorized User Single Install Trade Up from Engineering Req Mgmt Doors Next Analyst Authorized User Single Install License + SW Subscription & Support 12 Months | D1I07LL | 35.071,47 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center Planner Edition Authorized User Monthly License                                                                                                                                         | D17ZYLL | 35.031,49 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Express Edition CPU Option Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                             | D229YLL | 35.021,30 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Optim High Performance Unload Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                                   | D07YAZX | 35.021,30 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                                                                                            | D5382LL | 35.021,30 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Floating User from Rational ClearDDTS Floating User Trade Up License + SW Subscription & Support 12 Months                                                                                       | D531NLL | 35.021,30 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Floating User from Rational ClearQuest Authorized User Trade Up License + SW Subscription & Support 12 Months                                                                                    | D53QULL | 35.021,30 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Authorized User Single Install Trade Up from Eng Workflow Mgmt Developer Authorized User Single Install License + SW Subscription & Support 12 Months             | D1I06LL | 34.964,87 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody TestConductor Add On Authorized User License + SW Subscription & Support 12 Months                                                                                               | D09PYLL | 34.964,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Configuration Manager Asset SW Subscription & Support Reinstatement 12 Months                                                                                                                           | D03WVLL | 34.902,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Capacity Increase 25K to 50K FPM Failover Install Annual SW Subscription & Support Renewal                                                                                                 | E0G35LL | 34.870,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Authorized User Single Install from Engineering Workflow Management Contributor AUSI Trade Up License + SW Subscription & Support 12 Months   | D0GNZLL | 34.844,84 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Telemetry Advanced Retail Store Editon per 100 Client Devices License + SW Subscription & Support 12 Months                                                                                                       | D0NEALL | 34.844,84 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure Proxy Certified Container for Redhat Openshift Virtual Processor Core Trade Up License                                                                                                               | D09YPZX | 34.808,10 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Data Synchronization Application Install Annual SW S&S Rnwl                                                                                                                                          | E0R44LL | 34.781,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | SEC QR DATA SYN APP LNX IBMZ PER INS ANNUAL SW S&S RNWL                                                                                                                                                                  | E0R49LL | 34.781,36 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Targets for z/OS Sources Per Install Monthly License                                                                                                                                                | D1RCHLL | 34.739,12 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Financial Controls Management Application Subscription License                                                                                                                                             | D29KMLL | 34.739,12 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Authorized User from Rational Rose Modeler Authorized User Trade Up License + SW Subscription & Support 12 Months                                 | D0CA7LL | 34.722,80 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Resource Adapter Professional Edition Non-Prod Server SW Subscription & Support Reinstatement 12 Months                                                                                       | D04CWLL | 34.645,07 | Manutenção após Vigência  |



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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Authorized User Single Install from Competitive Trade Up License + SW Subscription & Support 12 Months                                                      | D06PJLL | 34.594,90 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 Application Optimization Module Application instance Annual SW Subscription & Support Renewal 12 Months                                                                                 | E0P5VLL | 34.533,06 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Secure File Transfer-Container Edition Virtual Processor Core Subscription License                                                                                                                           | D28YTLL | 34.488,30 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Secure File Transfer Container Edition with Red Hat OpenShift Virtual Processor Core SUBSCRIPTION LICENSE                                                                                           | D06AIZX | 34.488,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Care Manager Government 100 Persons Overage                                                                                                                                                           | D1NKILL | 34.488,30 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                                       | D0TBDLL | 34.478,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Large per Resource Value Unit from IBM Sterling Order Management Store Edition Medium per Resource Value Unit Trade Up License + SW Subscription & Support 12 Months | D103KLL | 34.478,73 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Large per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                      | D0ZZULL | 34.478,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Medium per Resource Value Unit License + SW Subscription & Support 12 Months                                                                                         | D0ZZGLL | 34.478,73 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Server 45Mbps Install Monthly License                                                                                                                                             | D1W49LL | 34.300,18 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per WAP extension Group P05 SW SUPPORT 12 MO                                                                                                                      | D1UQJLL | 34.275,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Data Manager Simultaneous Session License + SW Subscription & Support 12 Months                                                                                                                 | D02ZEZX | 34.275,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite - ProtecTIER Option Terabyte License + SW Subscription & Support 12 Months                                                                                                             | D11MKLL | 34.275,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Software Development Kit Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                  | D070XLL | 34.218,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Merge Backup Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                                        | D07XSZX | 34.168,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Floating User Single Install Annual SW Subscription & Support Renewal                                                                                  | E08REZX | 34.168,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                                               | D0LGELL | 34.112,06 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM UrbanCode Deploy Agent for z/OS Workloads Managed Virtual Server Monthly License                                                                                                                             | D1BTRLL | 34.098,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Inventory Visibility AddOn NonProd Environment 1 Million API Calls Overage                                                                                                         | D01UFZX | 34.013,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flows Capacity 50K Flows Per Minute Monthly License                                                                                                                                          | D1RQPLL | 34.008,45 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak System Software Suite Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                                    | E0QPSLL | 33.999,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Architect for Compliance with IBM Security and Compliance Center Engagement Remotely Delivered Service                                                                                           | D0G4IZX | 33.993,75 | Permanente com Manutenção |

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| Real | 12 |  | PPA | 7831 | IBM Expert Labs Architect for Power Virtual Server on IBM Cloud Engagement Remotely Delivered Service                                                                  | D0G4DZX | 33.993,75 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Architect for Red Hat OpenShift and IBM Cloud Satellite Engagement Remotely Delivered Service                                                          | D0G4EZX | 33.993,75 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Architect on IBM Cloud for Financial Services Engagement Remotely Delivered Service                                                                    | D0G4FZX | 33.993,75 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Architect on IBM Cloud for HPC Engagement Remotely Delivered Service                                                                                   | D0G4GZX | 33.993,75 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Architect on IBM Cloud for VMware Engagement Remotely Delivered Service                                                                                | D0G4HZX | 33.993,75 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Migrate to Power Virtual Server on IBM Cloud Engagement Remotely Delivered Service                                                                     | D0G4WZX | 33.993,75 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                         | D09AULL | 33.990,59 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                      | E071SLL | 33.990,59 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM SPSS Amos for zEnterprise BladeCenter Extension Concurrent User License + SW Subscription & Support 12 Months                                                      | D0YTSLL | 33.955,30 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Data Privacy Risk Assessment for Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support                                                     | D0AKGZX | 33.898,86 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Experience Pack for Salesforce Install Annual SW Subscription & Support Renewal                                                                                    | E0EZGZX | 33.898,86 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Secure File Transfer-Standard Edition Connection License + SW Subscription & Support 12 Months                                                                     | D22I6LL | 33.898,86 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Social Share for Salesforce Install SW Subscription & Support Reinstatement 12 Months                                                                              | D0F0TZX | 33.898,86 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Spectrum Archive Library Edition High End Libraries TS4500 Install SW Subscription & Support Reinstatement 12 Months                                               | D0BT7ZX | 33.898,86 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Rational Application Developer for WebSphere Software Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                | D0BHXLL | 33.848,70 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Application Developer for WebSphere Software Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months             | E080ULL | 33.848,70 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Application Developer for WebSphere Software for zSeller Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D0BHYLL | 33.848,70 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Application Developer for WebSphere Software for zSeller Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E080VLL | 33.848,70 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational ClearQuest and ClearQuest MultiSite Floating User SW Subscription & Support Reinstatement 12 Months                                                       | D531WLL | 33.848,70 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager for Transactions for Web and Robotic Response and Tracking Resource Value Unit SW Subscription & Support Reinstatement 12 Months         | D0ICDLL | 33.848,70 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Capacity 1K Events Per Second Monthly License                                                                                                           | D1RNZLL | 33.834,94 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Content Manager Interface Concurrent User SW Subscription & Support Reinstatement 12 Months                                                      | D6111LL | 33.792,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Optical Character Recognition/Intelligent Character Recognition Engine Concurrent User SW Subscription & Support Reinstatement 12 Months         | D610TLL | 33.792,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Scan or Image Import Concurrent User License + SW Subscription & Support 12 Months                                                               | D610ULL | 33.792,26 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Application Business Insights for IBM Cloud Paks Authorized User License + SW Subscription & Support 12 Months                                                          | D278ELL | 33.742,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Hybrid Edition Virtual Processor Core from Prior Programs Trade up Lic + Subscr and Support 12 Months                                                               | D299PLL | 33.742,10 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Supply Collaboration Add-on Resource Value Unit Monthly License                                                                                     | D184SLL | 33.735,83 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Non-Production Virtual Processor Core SW Subscriptn & Supt Reinstatement 12 Months                                                      | D27RNLL | 33.681,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Standard Edition per Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                              | D1ZXJLL | 33.681,92 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Private Cloud Viewer 100 Authorized User per Annum                                                                                                             | D1SSHLL | 33.652,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Gold 2.0 Instance Advanced Support per Month                                                                                                         | E0FYUZX | 33.639,92 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Modernization Non Production Virtual Processor Core Trade Up from Prior Non-Production Data Replication Programs Trade Up Lic + Subscr and Support 12 Months | D0BZIX  | 33.635,50 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Player Add On Floating User Single Install License + SW Subscription & Support 12 Months                                  | D09NDLL | 33.624,48 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-AddOn-Store Engagement Client Device Advanced Support per Annum                                                                                     | E0E62ZX | 33.577,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X3 Application Optimization Module Application instance Annual SW Subscription & Support Renewal                                                            | E09VYZX | 33.557,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Concurrent User SW Subscription & Support Reinstatement 12 Months                      | D0YSWLL | 33.528,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor Concurrent User SW Subscription & Support Reinstatement 12 Months                                                            | D0EPBLL | 33.502,45 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Streaming Analytics Premium Monthly Container Container Pay Per Use                                                                                                           | D1WIFLL | 33.335,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Streaming Analytics Premium Plan Monthly Virtual Server Pay Per Use                                                                                                           | D1TFDLL | 33.335,93 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Business for Japan 10 Eligible Participants per Annum                                                                                                 | D1WGLLL | 33.279,24 | Saas                      |

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| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Retail JAPAN ONLY 100 Eligible Participant per Annum                                                                              | D1WGJLL | 33.279,24 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server 45Mbps Install Annual SW Subscription & Support Renewal 12 Months                                                       | EOP1FLL | 33.258,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Robotic Process Automation Platform Install Annual SW Subscription & Support Renewal 12 Months                                                            | EOR88LL | 33.258,37 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations for Transportation Premium User Per Concurrent User Monthly License                                                                | D1D1PLL | 33.165,05 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile SDK for Business 10 Client Devices per Annum                                                                                              | D172XLL | 33.130,08 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile SDK for Retail100 Client Devices per Annum                                                                                                | D172ILL | 33.130,08 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Cartridge for IBM CPD for Non-Production Environment Reserved Virtual Processor Core Subscription License                                       | D09MAZX | 33.108,77 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data for Non-ProduSUBion Environment Virtual Processor Core Subscription License                                | D296PLL | 33.093,27 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Modernization Non Production Virtual Processor Core SW Subscription & Support Reinstatement 12Months | D08LQZX | 32.995,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for SAP HANA per Resource Value Unit (MAPC) License + SW Subscription & Support 12 Months                               | D25Y7LL | 32.995,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Personal Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                    | D1E1ILL | 32.995,90 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Personal Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                 | E0L0FLL | 32.995,90 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas Sandbox per Instance Per Month Subscription                                                                    | D1VGPLL | 32.955,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming Live Event Management Services Event One Time Set Up                                                                           | D1QZNLL | 32.955,93 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Assess Verify - Non-Saas Engagement Remotely Delivered SW Services                                                                            | D05WWZX | 32.955,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Assess Verify - Saas Engagement Remotely Delivered Service                                                                                    | D0DKFZX | 32.955,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Analytics Enterprise Authorized User SW S&S Reinstate 12 Mo                                                                                      | D0A27ZX | 32.939,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (1-100) SW S&S Reinstate 12 Mo                                                                                     | D1INILL | 32.939,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (1-100) SW S&S Reinstate 12 Mo                                                                                     | D1IPTLL | 32.939,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (501-750) LIC + SW S&S 12 MO                                                                                       | D1INPLL | 32.939,46 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (501-750) LIC + SW S&S 12 MO                                                                                       | D1IPYLL | 32.939,46 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Automation Decision Services Establishment Subscription License                                                                                           | D0DLZDX | 32.857,94 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Production Source Connection per 5 Connections Annual SW Subscription & Support Renewal                                         | EOHRMLL | 32.827,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Query Routing for Watson Explorer Application instance Annual SW Subscription & Support Renewal 12 Months                                                 | EOF3KLL | 32.827,66 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM SVC Real Time Compression Virtual Processor Core Trade Up from IBM SAN Volume Controller Real-time Compression Storage Capacity Unit | D08U7ZX | 32.827,66 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                           | D034SZX | 32.806,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Red Hat OpenShift Virtual Processor Core Trade Up                                                       | D09YIZX | 32.782,70 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Big Replicate for Backup Install Monthly License                                                                                                                              | D2231LL | 32.732,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Big Replicate for Hive Install Monthly License                                                                                                                                | D1YFRLL | 32.732,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ILOG CPLEX Optimizer Cluster Edition per Establishment Monthly License                                                                                                        | D1R14LL | 32.732,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Test Data Fabrication Establishment Monthly License                                                                                                          | D1V8VLL | 32.732,53 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for Non-Production Environment per Install SW Subscription & Support Reinstatement 12 Months                                             | D0ETFLL | 32.705,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months    | D26SQLL | 32.705,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Healthcare Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months            | D26SDLL | 32.705,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One Software 21XX Failover Install Annual SW Subscription & Support Renewal                                                                | E0H01LL | 32.672,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Amos Concurrent User License + SW Subscription & Support 12 Months                                                                                                       | D0ENFLL | 32.648,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Deployment Manager Authorized User SW Subscription & Support Reinstatement 12 Months                                               | D0EIJLL | 32.648,20 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium for Batch Data Transformation Resource Value Unit Monthly License                                                                                           | D237BLL | 32.607,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Concurrent User License Trade Up From 3 Maximo Nuclear Power Authorized User License + SW Subscription & Support 12 Months                           | D1SD3LL | 32.583,58 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Concurrent User Trade Up from 3 Maximo Oil and Gas Authorized User + SW Subscription & Support 12 Months                                               | D1Q7GLL | 32.583,58 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Concurrent User Trade Up from 3 Maximo for Transportation Authorized User + SW Subscription & Support 12 Months                                     | D1R6WLL | 32.583,58 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Concurrent User Trade Up from 3 Maximo for Utilities Authorized User + SW Subscription & Support 12 Months                                               | D1QAKLL | 32.583,58 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM PL/I for AIX Authorized User Trade Up from IBM PL/I for AIX Competitive User License + SW Subscription & Support 12 Months                                                    | D0NTALL | 32.583,58 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Standard Edition Simultaneous Session License + SW Subscription & Support 12 Months                                                                   | D0J1KLL | 32.583,58 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager Basic Edition Install for zEnterprise BladeCenter Extension License + SW Subscription & Support 12 Months                                                                           | D0NSTLL | 32.569,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Eclipse Client Floating User Single Install License + SW Subscription & Support 12 Months                                                                                                     | D0H69LL | 32.526,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Floating User Single Install from Competitive Floating User Trade Up License + SW Subscription & Support 12 Months                              | D0DYPLL | 32.526,16 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator AddOn for File Gateway Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                                      | EOQNNLL | 32.526,16 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Enterprise Install Subscription License                                                                                                                                                              | D28G9LL | 32.481,71 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Enhanced Disaster Recovery Add-on Instance per Month                                                                                                               | D20DRLL | 32.458,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Management Test Data Enterprise Edition Terabyte Monthly License                                                                                                                                           | D1D2XLL | 32.356,30 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Visual Inspection Mobile Client Device SW Subscription & Support Reinstatement 12 Months                                                                                                                             | D26J9LL | 32.356,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Secure Proxy Certified Container Virtual Processor Core License + SW Subscriptn and Support 12 Months                                                                                       | D27P5LL | 32.356,30 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud with High Availability, Large, Silver Level Managed Services paygo per Instance, pay per use (labor based)                                                                                  | D1TVBLL | 32.322,68 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Anaconda Repository for IBM Cloud Pak for Data Authorized User License + SW Subscriptn and Support 12 Months                                                                                                                    | D28AULL | 32.299,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Floating User SW Subscription & Support Reinstatement 12 Months                                                                                               | D0APMLL | 32.249,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Tools and Utilities Add On Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                                               | D09IQLL | 32.249,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Authorized User Single Install from Competitive Trade Up License + SW Subscription & Support 12 Months                                               | D0GNYLL | 32.249,70 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Authorized User Single Install from Engineering Workflow Management Developer Workgroups AUSI Trade Up License + SW Subscription & Support 12 Months | D0GP2LL | 32.249,70 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Integration Server Standard Edition Install Monthly License                                                                                                                                                          | D17NJLL | 32.160,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Corporate Payment Services Feature per Virtual Server Extended Support Subscription License                                                                                               | X276QLL | 32.105,47 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Financial Standard Edition for Non-Production Environment Install Monthly License                                                                                                                     | D183XLL | 32.088,26 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (251-500) License + SW Subscription & Support 12 Months                                                                                                                        | D1N28LL | 31.973,41 | Permanente com Manutenção |

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| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Reporting and Analytics - Extended Data Retention - 1 Year Instance per Annum                                                         | D17HHLL | 31.936,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Service Provider Concurrent User License + SW Subscription & Support 12 Months                                                                 | D0LIPLL | 31.915,98 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                                    | D537WLL | 31.915,98 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Hybrid 100K Eligible Participants Overage                                                                                                   | D0460ZX | 31.898,85 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Viewer Terabyte Annual SW S&S Rnwl                                                                                                 | E0D31ZX | 31.873,46 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Operations Dashboard for Oil & Gas with Radar Billion US Dollars Total Revenue Overage                                                          | D1VFXLL | 31.867,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Big Replicate for Hadoop Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                   | D1YFPLL | 31.851,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for Cognos Analytics for Non-Production Environment per Install License + SW Subscription & Support 12 Months          | D0ESXLL | 31.851,37 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for TM1 for Non-Production Environment per Install License + SW Subscription & Support 12 Months                       | D0ESZLL | 31.851,37 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Change Management Solution Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                | D0BH9LL | 31.851,37 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Change Management Solution Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                             | E0806LL | 31.851,37 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (101-250) License + SW Subscription & Support 12 Months                                                                      | D1IVXLL | 31.851,37 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Field Services per Concurrent User SW Subscription & Support 12 Months                                                                              | D20E0LL | 31.793,95 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum LSF Simulator Virtual Server Subscription License                                                                                                  | D288ULL | 31.791,94 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted Standard XLarge Paygo Instance Pay Per Use                                                                                                       | D1PW3LL | 31.765,39 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Authorized User from Maximo for Nuclear Power Limited Use Authorized User Trade Up Licence + SW Subscription & Support 12 Months   | D0T0ULL | 31.729,33 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Authorized User from Maximo for Oil and Gas Limited Use Authorized User Trade Up Licence + SW Subscription & Support 12 Months       | D0T0WLL | 31.729,33 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Authorized User from Maximo for Transportation Limited Use Authorized User Trade Up Licence + SW Subscription & Support 12 Months | D0T0YLL | 31.729,33 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Authorized User from Maximo for Utilities Limited Use Authorized User Trade Up Licence + SW Subscription & Support 12 Months           | D0T10LL | 31.729,33 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Health Safety and Environment Manager Concurrent User SW Subscription & Support Reinstatement 12 Months                                              | D1Q76LL | 31.671,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SmartCloud Application Performance Management Standard Managed Virtual Server License + SW Subscription & Support 12 Months                                 | D0Q3TLL | 31.671,91 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                                    | D53NGLL | 31.607,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester for zSeries (390) Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                  | D54BTLL | 31.607,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Web Client Floating User Single Install License + SW Subscription & Support 12 Months                                                                                             | D1TTQLL | 31.503,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Medium per Resource Value Unit from IBM Sterling Order Management Store Add On per Resource Value Unit Trade Up License + SW Subscription & Support 12 Months           | D1039LL | 31.503,49 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect HSM for Windows Terabyte License + SW Subscription & Support 12 Months                                                                                                                          | D1IQALL | 31.503,49 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Explorer Modernization Resource Value Unit Extended Support Subscription License                                                                                                                         | X28SLLL | 31.478,41 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Essentials Software Install Advanced Support Subscription Lic                                                                                                                                       | Z0GPEZX | 31.415,71 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity 10K Flows Per Minute Annual SW Subscription & Support Renewal 12 Months                                                                                                          | E0NBXLL | 31.404,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity 10K Flows Per Minute Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months                                                            | D1S24LL | 31.404,53 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Breach Response Add-On per User Value Unit (Concurrent User) SW Subscription & Support Reinstatement 12 Months                                                                             | D22P1LL | 31.404,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Developer Edition Floating User Single Session Annual SW Subscription & Support Renewal 12 Months                                                                                  | E0RB9LL | 31.396,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner for Workgroups Authorized User Single Install License + SW Subscription & Support 12 Months                                                                  | D1JQ5LL | 31.396,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Authorized User Single Install from Engineering Workflow Management Contributor Authorized User Single Install Trade Up License + SW Subscription & Support 12 Months | D0GMHLL | 31.396,89 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data 100 Thousand Documents SW Subscription and Support Renewal 12 Months                                                                           | E0R5FLL | 33.259,26 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Compass Saas Solution Integration Onboarding Unit                                                                                                                                                                   | D08U6ZX | 31.353,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Care Manager Government 100 Persons per Month                                                                                                                                                            | D1NKHLL | 31.353,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Administrator Authorized User from Planning Analytics Express Connector Install Trade Up License + SW Subscription & Support 12 Months                                                         | D17BCLL | 31.340,46 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Floating User Single Install from Engineering Workflow Management Stakeholder FUSI Trade Up License + SW Subscription & Support 12 Months                           | D0GMXLL | 31.340,46 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Modernization Non Production Virtual Processor Core License + SW Subscription & Support Reinstatement 12 Months                                                                     | D0C07ZX | 31.340,46 | Manutenção após Vigência  |



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| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 100 Mbps Install SW Subscription & Support Reinstate 12 Months                                                                                                                       | D04FXZX | 31.233,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Non-Production Virtual Processor Core from IBM Db2 Big SQL Virtual Server Non-Production Trade Up License + SW Subscription & Support 12 Months                | D29NHLL | 31.183,69 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Authorized User Single Install license from Contributor Authorized User Single Install license Trade Up + SW Subscription & Support 12 Months | D0PNWLL | 31.183,69 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption OVA with Live Data Transformation per Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                      | E0NW7LL | 31.164,88 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Add-on Reporting Database Instance per Month                                                                                                | D20DMLL | 31.152,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Add-On Saas Flex Reporting Database Instance per Month                                                                                                                                    | D20DDLL | 31.152,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Baremetal Server Deployment Saas Flex Instance per Month                                                                                                                                  | D20DBLL | 31.152,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for US Federal Saas Flex Bare Metal Server Deployment Instance per Month                                                                                                                  | D0C0TZX | 31.152,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for US Federal Saas Flex Reporting Database Instance per Month                                                                                                                            | D0C0WZX | 31.152,68 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise for Manufacturing Install Annual SW Subscription & Support Renewal                                                                                                            | E0AU0ZX | 31.127,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                              | D0GIDLL | 31.119,16 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                           | E0AMPLL | 31.119,16 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Workgroup Edition Modernization Virtual Processor Core from Informix Workgroup Edition 1 VPC Trade Up License + Subscription & Support 12 Months                                            | D03VGZX | 31.119,16 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Workgroup Edition Modernization Virtual Processor Core from Informix Workgroup Edition 70 PVU Trade Up License + Subscription & Support 12 Months                                           | D03VFZX | 31.119,16 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics as a Service Premium Instance per Month                                                                                                                                           | D0GX1ZX | 31.090,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Supply Chain Intelligence Suite Virtual Guided Onboarding Add-on Engagement Remotely Delivered Service                                                                                               | D09VBZX | 31.090,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Assessment and Planning per Authorized User License + SW Subscription & Support 12 Months                                                                                                      | D1R2ULL | 31.020,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager Unlimited User Option Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                  | D06DFLL | 31.020,66 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium for Cloud Key Management per Resource Value Unit (Entity ID) Monthly License                                                                                                       | D2379LL | 31.011,48 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Contributor Floating User Single Install from Engineering Test Management Contributor Authorized User Single Install Trade Up License + SW Subscription & Support 12 Months                                          | D0AQMLL | 30.997,12 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Floating User Single Install from Engineering Workflow Management Contributor AUSI Trade Up License + SW Subscription & Support 12 Months                                                            | D0GMYLL | 30.997,12 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Enterprise Edition Connector Relational Databases Authorized Connector Annual SW Subscription & Support Renewal                                                                                                                  | E01PILL | 30.939,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Floating User Single Install license from Authorized User Single Install license Trade Up + SW Subscription & Support 12 Months                                                       | D0C2HLL | 30.939,70 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition - Archive File Access Terabyte SW S&S Reinstate 12 Mo                                                                                                                                                | D076YZX | 30.939,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Authorized User from Maximo Asset Management Essentials Trade Up License + SW Subscription & Support 12 Months                                                                                                           | D0GYCLL | 30.939,70 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Advanced Bare Metal Managed Server SW Subscription & Support Reinstatement 12 Months                                                                                                                                              | D0DU4ZX | 30.939,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Offline Forms Concurrent User License + SW Subscription & Support 12 Months                                                                                                                                                | D0N61LL | 30.939,70 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Management Config Price Quote Add-on Certified Container Resource Value Unit SL UPGRADE                                                                                                                                           | D0C0GZX | 30.914,06 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 for IBM Cloud Pak for Data Non-Production Virtual Processor Core SW Subscription & Support Reinstatement 12Months                                                                 | D08MBZX | 30.863,89 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center Dashboards Application Monthly License                                                                                                                                                                              | D29K2LL | 30.851,35 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for Non-Production Environment per Install from Planning Analytics Express Connector for Cognos Analytics for Non-Production Environment per Install Trade Up License + SW Subscription & Support 12 Months | D1RL9LL | 30.807,46 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for Non-Production Environment per Install from Planning Analytics Express Connector for TM1 for Non-Production Environment per Install Trade Up License + SW Subscription & Support 12 Months              | D1RL8LL | 30.807,46 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar SOAR per User Value Unit (Concurrent User) Monthly License                                                                                                                                                                       | D22QJLL | 30.788,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloudera Data Platform EDH for IBM Cloud Pak for Data Reserved Install Advanced Support Subscription License                                                                                                                                         | Z09HBZX | 30.788,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloudera Data Platform for IBM Cloud Pak for Data Reserved Install Advanced Support Subscription License                                                                                                                                             | Z09HCZX | 30.788,65 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Floating User License + SW Subscription & Support 12 Months                                                                                                                                                          | D54LTLL | 30.753,05 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG/COBOL + Modernization Tools, Java Edition Floating User Single Install tradeup from IBM Rational Developer for i RPG & COBOL Tools Floating User Single Install Trade Up License + SW Subscription & Support 12 Months | D11PRLL | 30.695,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One 21XX Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                               | D0WQ8LL | 30.649,71 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Datacap Non-Production Environment Gold Instance Advanced Support per Month                                                                                                                                                                             | E0DWLZX | 30.593,05 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Floating User SW Subscription & Support Reinstatement 12 Months                                                                                                                                                         | D6104LL | 30.544,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase and ClearCase MultiSite Floating User SW Subscription & Support Reinstatement 12 Months                                                                                                                                          | D531RLL | 30.544,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Disaster Recovery Software Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                                         | D1RS9LL | 30.529,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Log Manager High Availability Software Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                             | D1RSLLL | 30.529,52 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Regulatory Compliance Management Application Subscription License Upgrade                                                                                                                                                                 | D29KYLL | 30.508,98 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Standard Edition Modernization Virtual Processor Core from IBM Db2 Standard Edition VPC Option Virtual Processor Core Trade Up License + Subscription & Support 12 Months                                                                       | D03Q8ZX | 30.487,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer Floating User Single Install from Engineering Lifecycle Optimization Method Composer Auth User Single Install Trade Up License + SW Subscription & Support 12 Months                             | D0GUNLL | 30.487,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for Workgroups Starter Pack 10 Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                                                           | D0PVILL | 30.487,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Authorized User from Maximo Asset Management Limited Use Authorized User Trade Up License + SW Subscription & Support 12 Months                                                                                            | D0H0ELL | 30.487,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Protect High Speed Data Transfer per Install License + SW Subscription & Support 12 Months                                                                                                                                                 | D1LBGLL | 30.487,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                                  | D26Q1LL | 30.487,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Software for Non-Production Install SW Subscription & Support Reinstatement 12 Months                                                                                                                                                        | D21DELL | 30.460,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Disaster Recovery Add-On per User Value Unit (Concurrent User) Annual SW Subscription & Support Renewal                                                                                                                        | E0Q19LL | 30.460,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Non-Production Add-On per User Value Unit (Concurrent User) Annual SW Subscription & Support Renewal                                                                                                                           | E0Q15LL | 30.460,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 500Mbps from Aspera High-Speed Transfer Endpoint 300Mbps Resource Value Unit Trade Up License + SW Subscription & Support 12 Months                                                                             | D1VYLLL | 30.437,49 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Floating User from Rational DOORS family Web Access Editor per Floating User Trade Up License + SW Subscription & Support 12 Months                            | D0PP6LL | 30.437,49 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Cartridge for IBM CPD for Voice Interaction Bundle Reserved 50 Concurrent Connections Extended Support Subscription Lic                                                                        | X09N2ZX | 30.412,41 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for MongoDB Medium Instance Pay per Use                                                                                                                                               | D01G7ZX | 30.397,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Enterprise Instance Pay per Use                                                                                                                                                                | D0405ZX | 30.397,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Cartridge for IBM Cloud Pak for Data Authorized User SW Subscription & Support Reinstatement 12 Months                                                                              | D03JDZX | 30.329,52 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Test Pack Virtual Testers 1000 Floating Users Monthly License                                                                                                                              | D1BFALL | 30.287,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic RosettaNet Trade Partner Configuration Set Up charge per PIP                                                                                                            | D10QHLL | 30.282,15 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Authorized User Single Install Trade Up from Eng Workflow Mgmt Developer for EP Authorized User Single Install License + SW Subscription & Support 12 Months | D1I0BLL | 30.264,91 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Concurrent User Annual SW Subscription & Support Renewal 12 Months                                                                                                                     | E0NHVLL | 30.264,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Concurrent User Annual SW Subscription & Support Renewal 12 Months                                                                                                                       | E0N2WLL | 30.264,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Concurrent User Annual SW Subscription & Support Renewal                                                                                                                              | E0N83LL | 30.264,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Concurrent User Annual SW Subscription & Support Renewal 12 Months                                                                                                                         | E0N3HLL | 30.264,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Extension for VSE Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                    | D0BJWLL | 30.264,91 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Extension for VSE Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                 | E082TLL | 30.264,91 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudant 1.6TB Capacity Instance per Month for IBM Cloud Dedicated                                                                                                                                              | D1D5MLL | 30.224,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Reservation Manager for Non-Production Environment Install Monthly License                                                                                                                    | D18X6LL | 30.221,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite Entry - Front End Terabyte (1-100) LIC + SW S&S 12 MO                                                                                                                                         | D1IQ6LL | 30.207,47 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Silver Instance Advanced Support per Month                                                                                                                                                              | E0FZTX  | 30.157,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Non-Production Environment Copper 2.0 per Instance per Month                                                                                                                                       | D1NQSL  | 30.095,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Authorized User Value Unit from Competitor (Kofax) Trade Up License + SW Subscription & Support 12 Months                                                                                               | D0NNYLL | 30.011,09 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer Cluster Edition per Process SW Subscription & Support Reinstatement 12 Months                                                                                                              | D1QZWLL | 30.011,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Quick Report Standard Edition Server Annual SW Subscription & Support Renewal                                                                                                              | E03Q9LL | 30.011,09 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (1-100) from IBM Spectrum Control Standard Edition Trade Up License + SW Subscription & Support 12 Months                                   | D1N21LL | 30.011,09 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (1-100) from IBM Spectrum Virtualize Software for SAN Volume Controller Trade Up License + SW Subscription & Support 12 Months              | D1N20LL | 30.011,09 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Edge Management with IBM Install                                                                                                                                                    | D26D8LL | 29.973,47 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Authorized User from Rational DOORS family Web Access Editor per Authorized User Trade Up License + SW Subscription & Support 12 Months | D0PP2LL | 29.898,80 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Architect Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                              | D56SHLL | 29.898,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Architect zSeries Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                      | D59FBLL | 29.898,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Non-Production Environment Resource Value Unit License + SW Subscription & Support 12 Months                                                                 | D0I98LL | 29.898,80 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Access Floating User from IBM Rational Build Forge Access Authorized User Trade Up License + SW Subscription & Support 12 Months                                    | D6160LL | 29.898,80 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Account Lifecycle Manager Engines On-Premises Install Annual SW S&S Rnwl                                                                                       | E06SPZX | 29.848,06 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising Standard Edition Hundred Thousand Order Lines Overage                                                                                                     | D0H12ZX | 29.846,88 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Enterprise Authorized User per Annum                                                                                                                                  | D0DQHZX | 29.846,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per Additional LPAR Group P10 SW SUPPORT 12 MO                                                                                                | D1UQELL | 29.797,89 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | MongoDB Enterprise Advanced with IBM Non Production 128 Gigabytes Subscription License                                                                                                       | D26E0LL | 29.785,35 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                               | D0GZ0LL | 29.776,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                 | D0GZCLL | 29.776,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                              | D0GZPLL | 29.776,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                   | D0H01LL | 29.776,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Collaborative Lifecycle Management PRACTITIONER Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                 | D1116LL | 29.776,76 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Collaborative Lifecycle Management PRACTITIONER Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                              | E0LSGLL | 29.776,76 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere FastTrack 10 Authorized Users Monthly License                                                                                                                                 | D19GALL | 29.719,33 | Saas                      |

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| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Management Software Supply Collaboration Add-on for Red Hat OpenShift Resource Value Unit Subscription License                                                                                                                    | D28LQLL | 29.719,33 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Additional Applications for Business Application Advanced Support 12 Months                                                                                                                                  | E0DW3ZX | 29.697,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Additional Applications for Business Application Advanced Support 12 Months                                                                                                                                                     | E0DYVZX | 29.697,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Dedicated Node Base Non Production Ten Thousand Items Advanced Support 12 Months                                                                                                                                  | E0E37ZX | 29.660,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Premium, Small, Gold Level Managed Services per Instance, per Month Subscription (labor based)                                                                                                                   | D1TR3LL | 29.659,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Accelerate on Cloud Performance Add-On 20TB per Instance Subscription per Month                                                                                                                                                         | D1IYBLL | 29.659,94 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Concurrent User Trade Up from 3 Maximo Life Sciences Authorized User + SW Subscription & Support 12 Months                                                                                                              | D1R7ELL | 29.654,73 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA CAD Integrator/Publisher Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                                                               | D0N60LL | 29.654,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Facility Assessment Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                                                                    | D0N64LL | 29.654,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (101-250) SW S&S Reinstat 12 Mo                                                                                                                                                                           | D1INLLL | 29.654,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (101-250) SW S&S Reinstat 12 Mo                                                                                                                                                                           | D1IPVLL | 29.654,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager Basic Edition Install License + SW Subscription & Support 12 Months                                                                                                                                      | D0887LL | 29.597,29 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Authorized User Value Unit from Datacap Entry-Level Authorized User Value Unit Trade Up License + SW Subscription & Support 12 Months                                                                                                    | D0T58LL | 29.584,69 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer Single User Edition Client Device Annual SW Subscription & Support Renewal                                                                                                                                                  | E0EN5LL | 29.584,69 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AI Decision Coordination for Governance Non-Production Install Subscription License                                                                                                                                                              | D0GVHZX | 29.471,82 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Mega for Red Hat OpenShift per Resource Value Unit Trade Up License from IBM Sterling Order Management Store Edition Mega per Resource Value Unit License + SW Subscription & Support 12 Months | D0BQGZX | 29.421,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM COBOL for AIX Concurrent User Annual SW Subscription & Support Renewal                                                                                                                                                                           | E05Y6LL | 29.410,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Floating User Single Install from Competitive Floating User Single Install Trade Up License + SW Subscription & Support 12 Months                                                     | D0K1NLL | 29.410,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Contributor Floating User Single Install from Competitive Trade Up License + SW S&S 12 Months                                                                                                                        | D08LULL | 29.410,66 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Floating User Single Install from Competitor Trade Up License + SW Subscription & Support 12 Months                                      | D0GMWLL | 29.410,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Floating User Single Install from Authorized User Trade Up License + SW Subscription & Support 12 Months | D0DYQLL | 29.410,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Essentials Edition Connection License + SW Subscription & Support 12 Months                                                                                     | D22I3LL | 29.410,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Authorized User to IBM SPSS Statistics Standard Authorized User Trade Up Lic + Subscription and Support 12 Months                                               | D27UALL | 29.410,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Appliance xx48-C Hard Drive Retention Upgrade Appliance Install License + SW Subscription & Support 12 Months                                                                 | E0PHQLL | 29.378,43 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event Capacity Increase to 1K EPS from 500 EPS Failover Install Annual SW Subscription & Support Renewal                                                        | E0JI5LL | 29.378,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                               | D0ELPLL | 29.353,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core License + SW Subscription & Support Reinstatement 12 Months                   | D0BYSZX | 29.315,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Non-Production for Red Hat OpenShift Virtual Processor Core Trade Up                                                                                | D09Y3ZX | 29.315,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments for Red Hat OpenShift Virtual Processor Core Trade Up                                                                   | D09YFZX | 29.315,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Healthcare for Red Hat OpenShift Virtual Processor Core Trade Up                                                                           | D09Y7ZX | 29.315,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | Performance Tester for z/OS VU Value Unit LIC + SW S&S 12 MO                                                                                                                             | D556ULL | 29.315,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM COBOL for AIX Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                      | D5A1YLL | 29.264,89 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud with High Availability, Medium, Silver Level Managed Services paygo per Instance, pay per use (labor based)                                          | D1TVALL | 29.232,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud with High Availability, Small, Silver Level Managed Services paygo per Instance, pay per use (labor based)                                           | D1TV9LL | 29.232,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Insight Edition Add-On Silver per Instance per Month                                                                                                                         | D1M2LLL | 29.225,07 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 500Mbps Resource Value Unit from Point-to-Point Client 300 Mbps Install Trade Up License + SW Subscription & Support 12 Months                   | D1YDNLL | 29.158,29 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Virtualize Virtual Processor Core Annual SW S&S Rnwl                                                                               | E08TRZX | 29.158,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage and QualityStage Designer Concurrent User License + SW Subscription & Support 12 Months                                                                         | D03SGLL | 29.044,55 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Authorized User License + SW Subscription & Support 12 Months                                                                                            | D6105LL | 29.044,55 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Compliance Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                            | D1B4ILL | 29.044,55 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Lifecycle Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                             | D29GALL | 29.044,55 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Advanced Non-Prod Certified Container Virtual Processor Core Software Subscription & Support Renewal                              | E08CAZX | 29.044,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Perform Apptio Turnkey Admin L1 Engagement per Month                                                                                          | D0GWMZX | 29.038,53 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Test Automation Server Test Execution - Medium Floating User Single Install SUBSCRIPTION LICENSE                                                 | D0323ZX | 29.032,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Workgroup Server Edition Limited Use Socket SW Subscription & Support Reinstatement 12 Months             | D1CDQLL | 28.987,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Workgroup Server Edition Limited Use Socket SW Subscription & Support Reinstatement 12 Months        | D1CEJLL | 28.987,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Workgroup Server Edition Limited Use Socket SW Subscription & Support Reinstatement 12 Months                             | D1CCBLL | 28.987,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Authorized User                                                                                              | E080PLL | 28.987,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Authorized User Initl FT LC+S&S 12 Mo                                                                        | D0BHSLL | 28.987,11 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Databases Resource Value Unit (MVS) Annual SW Subscription & Support Renewal 12 Months                              | E0MQKLL | 28.987,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Standard Edition Simultaneous Session License + SW Subscription & Support 12 Months                                              | D0J2SLL | 28.987,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Velocity for Authorized User Single Install License + SW Subscription and Support 12 Months                                                     | D28BMLL | 28.987,11 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas Configuration Management per Instance Per Month Subscription                                                   | D1VGQLL | 28.976,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Hybrid 100K Eligible Participants                                                                                                         | D045ZZX | 28.976,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech Services Cartridge for IBM CPD for NP Environment Reserved 32 Virtual Processor Cores Extended Support Subscription Lic                     | X09N7ZX | 28.970,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech Services Cartridge IBM Cloud Pak for Data 32 Virtual Processor Cores Extended Support Subscription License                                  | X269VLL | 28.970,17 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Resource Adapter View Edition Server License + SW Subscription & Support 12 Months                                                 | D04C8LL | 28.922,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Authorized User from Maximo for Life Sciences Limited Use Authorized User Trade Up Licence + SW Subscription & Support 12 Months | D0T12LL | 28.922,51 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Authorized User SW Subscription & Support Reinstatement 12 Months                                                                | D56Z8LL | 28.922,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Mart Pattern for Non Production Environment Virtual Server Annual SW Subscription & Support Renewal                                                  | E0CXFLL | 28.865,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Mid-Range Image Import Server Annual SW Subscription & Support Renewal                                                                            | E052ELL | 28.865,08 | Manutenção após Vigência  |



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| Real | 12 |                                                | PPA  | 7831 | IBM Transactional Database Pattern for Non Production Environment Virtual Server Annual SW Subscription & Support Renewal                                                                                | E0CXELL | 28.865,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Starter Edition for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                                            | E0HRKLL | 28.743,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network PCAP Appliance 40G-C Business Critical Service Upgrade Appliance Install Subsequent License + SW Subscription & Support 12 Months                                                     | E0QRZLL | 28.690,29 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Crimes Insight Cartridge for IBM Cloud Pak for Data Reserved Install Advanced Support Subscription Lic                                                                                     | Z09M5ZX | 28.656,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ELT Pushdown Express Unrestricted Add-on Non-Production Install Monthly License                                                                                                                      | D0D57ZX | 28.593,94 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Disaster Recovery Software Install from IBM QRadar Log Manager Disaster Recovery Install Trade Up License + SW Subscription & Support 12 Months                                               | D1RWDLL | 28.534,22 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Studio Premium Modernization Non-Production Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                         | E03BUZX | 28.518,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Virtual Data Pipeline Terabyte Annual SW Subscription & Support Renewal 12 Months                                                                                                         | E0PSZLL | 28.462,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Open XL CC++ for AIX Authorized User Trade Up IBM_TO_IBM 1 TRDUP LIC + SW S&S 12 MO                                                                                                                      | D222ILL | 28.412,09 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Authorized User Single Install from Competitive Trade Up License + SW Subscription & Support 12 Months                                                     | D0GMFLL | 28.355,65 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Recovery Feature Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                              | E0MLULL | 28.305,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Authorized User Single Install license from Competitive Authorized User Single Install license Trade Up + SW Subscription & Support 12 Months | D0C2NLL | 28.305,49 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages SDI Connector for UCF Common Controls Hub per Application Annual SW Subscription & Support Renewal 12 Months                                                                               | E0NNFLL | 28.305,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (251-500) License + SW Subscription & Support 12 Months                                                                                                               | D11VZLL | 28.305,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Events for Salesforce Install Annual SW Subscription & Support Renewal                                                                                                                               | E0EZCZX | 28.249,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Ideas for Salesforce Install Annual SW Subscription & Support Renewal                                                                                                                                | E0EZKZX | 28.249,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Job Board for Salesforce Install Annual SW Subscription & Support Renewal                                                                                                                            | E0EZPZX | 28.249,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Learning Adventure for Salesforce Install Annual SW Subscription & Support Renewal                                                                                                                   | E0EZXZX | 28.249,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Member Onboarding for Salesforce Install Annual SW Subscription & Support Renewal                                                                                                                    | E0F05ZX | 28.249,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM News for Salesforce Install Annual SW Subscription & Support Renewal                                                                                                                                 | E0F09ZX | 28.249,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Catalog for Salesforce B2B Commerce Install Annual SW Subscription & Support Renewal                                                                                                         | E0F0HZX | 28.249,05 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Product Catalog for Salesforce Install Annual SW Subscription & Support Renewal                                                                                  | E0F0DZX | 28.249,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Reviews and Ratings for Salesforce Install Annual SW Subscription & Support Renewal                                                                              | E0F0LZX | 28.249,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Archive Library Edition Entry Libraries TS2900 TS4300 Install License + SW Subscription & Support 12 Months                                             | D0BU2ZX | 28.249,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM View for Salesforce Install Annual SW Subscription & Support Renewal                                                                                             | E0F0YZX | 28.249,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Appliance xx48-C Business Critical Upgrade Appliance Install 12 Months                                                                                    | E0PHPLL | 28.196,54 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Authorized User SW Subscription & Support Reinstatement 12 Months                                                                    | D1UXHLL | 28.190,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Enterprise Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                   | D1K25LL | 28.190,30 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Inventory Virtual Processor Core License + SW Subscription & Support 12 Months                                                                              | D29MULL | 28.190,30 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Data Verification/Smartkey/Original Entry/Check Processing Module Concurrent User License + SW Subscription & Support 12 Months     | D610JLL | 28.132,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Floating User Single Install License + SW Subscription & Support 12 Months | D0DACLL | 28.132,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational SoftwareArchitect Designer Extension for Deployment Planning Floating User Single Install License + SW Subscription & Support 12 Months                 | D0DCFLL | 28.132,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Publishing Authorized User License + SW Subscription & Support 12 Months                                                      | D09N2LL | 28.068,26 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Floating User SW Subscription & Support Reinstatement 12 Months                                                                              | D531MLL | 28.068,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Conductor Per Socket License + SW Subscription & Support 12 Months                                                                                      | D1NFCLL | 28.068,26 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Command Center Standard Edition Install Monthly License                                                                                                   | D17NLLL | 28.029,58 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM StepZen Graph Server Enterprise Add on Location Advanced Support per Annum                                                                                       | E0GF4ZX | 27.981,48 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM StepZen Graph Server Enterprise Add on Resource Unit Advanced Support per Annum                                                                                  | E0GF5ZX | 27.981,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Basic Edition on Cloud per Instance per Month                                                                                                          | D1TFELL | 27.981,45 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Upgrade Environment Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                | D29MFLL | 27.946,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Toolkit Client Device Annual SW Subscription & Support Renewal                                                                            | E054ALL | 27.888,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Internal Service Providers Install SW Subscription & Support Renewal                                                                     | E05B6LL | 27.888,79 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Add-on for Global High Availability Mailbox Resource Value Unit Monthly License                                                          | D1YIMLL | 27.778,76 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Add-on for Global High Availability Mailbox Resource Value Unit Monthly License                                                                                                              | D1YK8LL | 27.778,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Team Management Add-On per User Value Unit (Authorized User) Annual SW Subscription & Support Renewal                                                                                         | E0Q0SLL | 27.657,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Team Management Add-On per User Value Unit (Authorized User) from Resilient Incident Response Platform Legacy Trade Up License + SW Subscription & Support 12 Months                          | D22UHLL | 27.657,89 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Thousand Monthly Actions per Resource Value Unit Annual SW Subscription & Support Renewal                                                                                                     | E0Q1FLL | 27.657,89 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Financial Enterprise Edition for Red Hat OpenShift Virtual Processor Core Monthly License                                                                                                    | D26QYLL | 27.637,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Software Delivery and Service Scheduling Add-on for Red Hat OpenShift Resource Value Unit Monthly License                                                                                | D26RGLL | 27.637,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 1 Gbps Install Annual SW Subscription & Support Renewal                                                                                                                                            | E04FHZX | 27.609,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Reviewer Edition Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                    | D095TLL | 27.609,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Administrator Authorized User License + SW Subscription & Support 12 Months                                                                                                                              | D25V8LL | 27.609,45 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 2.5K Events Per Second Monthly License                                                                                                                        | D1RQ0LL | 27.588,49 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Capacity for Non-Production 2.5K Events Per Second Monthly License                                                                                                                           | D20N2LL | 27.588,49 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 100K Flows Per Minute Monthly License                                                                                                                         | D1RRQLL | 27.588,49 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flows Capacity for Non-Production 100K Flows Per Minute Monthly License                                                                                                                            | D20NGLL | 27.588,49 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Authorized User Single Install Trade Up from Engineering Test Quality Professional Authorized User Single Install License + SW Subscription & Support 12 Months | D1I08LL | 27.559,29 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                                                  | D05T6LL | 27.559,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Print Printer SW Subscription & Support Reinstatement 12 Months                                                                                                                                            | D04GELL | 27.559,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere Add-on Concurrent User License + SW Subscription & Support 12 Months                                                                                                                               | D1QBGLL | 27.559,29 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Concurrent User Annual SW Subscription & Support Renewal                                                                                                                                  | E0N87LL | 27.559,29 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpData Quantitative Database Access per Month                                                                                                                                                                      | D106KLL | 27.546,18 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Security (Gen 3) 100 Resource Unit License + SW Subscription & Support                                                                                                                               | D05M2ZX | 27.502,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units License + SW Subscription & Support 12 Months                                                                                                          | D0A2GZX | 27.502,85 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Reserved License + SW Subscription & Support 12 Months                                                                    | D0CLTZX | 27.502,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software 100 Resource Unit License + Subscription & Support 12 Months                                                                                           | D0AE4ZX | 27.502,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software 100 Resource Unit Reserved Subscription & Support 12 Months                                                                                            | D0CNLZX | 27.502,85 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Content Engine Bulk Import Tool Virtual Server Monthly License                                                                                                                | D1G0WLL | 27.493,97 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Streaming 20Mbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                                        | D1YAPLL | 27.452,69 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Non-Production Virtual Processor Core from Information Analyzer Processor Value Unit Non-Production Trade Up Lic + Subscr and Support 12 Months | D28A5LL | 27.452,69 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM i Modernization Engine for Lifecycle Integration Virtual Processor Core LIC + SW S&S 12 MO                                                                                            | D091ZZX | 27.452,69 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Option Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                  | D263SLL | 27.452,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix WRKGRP EDition CPU Option Limited Use Socket Annual SW Subscription & Support Renewal                                                                                        | E08SPLL | 27.452,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (751-1250) LIC + SW S&S 12 MO                                                                                                                  | D1INRLL | 27.452,69 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (751-1250) LIC + SW S&S 12 MO                                                                                                                  | D1IQ0LL | 27.452,69 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Authorized User SW Subscription & Support Reinstatement 12 Months                                                  | D09HULL | 27.396,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                     | D1QB9LL | 27.336,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Workgroup Edition Authorized User SW Subscription & Support Reinstatement 12 Months                                                         | D16IFLL | 27.278,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Concurrent User License + SW Subscription & Support 12 Months                                                                                                | D0ELLLL | 27.278,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Categories Concurrent User License + SW Subscription & Support 12 Months                                                                                                         | D0ELDLL | 27.278,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Complex Samples Concurrent User License + SW Subscription & Support 12 Months                                                                                                    | D0EL9LL | 27.278,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Conjoint Concurrent User License + SW Subscription & Support 12 Months                                                                                                           | D0EL5LL | 27.278,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Custom Tables Concurrent User License + SW Subscription & Support 12 Months                                                                                                      | D0ELULL | 27.278,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Decision Trees Concurrent User License + SW Subscription & Support 12 Months                                                                                                     | D0EMKLL | 27.278,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Concurrent User License + SW Subscription & Support 12 Months                                                                                                   | D0EMGLL | 27.278,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Exact Tests Concurrent User License + SW Subscription & Support 12 Months                                                                                                        | D0EMPLL | 27.278,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Forecasting Concurrent User License + SW Subscription & Support 12 Months                                                                                                        | D0EM8LL | 27.278,61 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Missing Values Concurrent User License + SW Subscription & Support 12 Months                                                                            | D0EM4LL | 27.278,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Neural Networks Concurrent User License + SW Subscription & Support 12 Months                                                                           | D0EM0LL | 27.278,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Regression Concurrent User License + SW Subscription & Support 12 Months                                                                                | D0EL1LL | 27.278,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | QR VUL AND RISK MGR LNX IBMZ INS ANNUAL SW S&S RNWL                                                                                                              | E0R4CLL | 27.272,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | QR VUL AND RISK MGR PER INS ANNUAL SW S&S RNWL                                                                                                                   | E0R45LL | 27.272,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Business Automation Reserved Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                         | E0QGQLL | 27.239,49 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Inventory Visibility AddOn NonProd Environment 1 Million API Calls Subscription per Month                                          | D01UEZX | 27.235,28 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Business Automation Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                  | E0PMHLL | 27.214,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Deployment Manager Concurrent User Annual SW Subscription & Support Renewal                                       | E09NKLL | 27.214,00 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Services COLD Install Monthly License                                                                                                          | D1D9LLL | 27.206,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Business Service Manager for the Enterprise Base Install Monthly License                                                                              | D18VGLL | 27.206,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Proof of Concept Instance Instance per Month                                                                                | D01Z1ZX | 27.173,10 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM ECM System Monitor Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                  | D28SRLL | 27.156,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Event Automation Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                    | D0DU9ZX | 27.132,89 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Classic Edition for Non-Production on Cloud Instance Subscription Per Month                                                                        | D01V9ZX | 27.110,92 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Advanced User per Authorized User License + SW Subscription & Support 12 Months                                                            | D155LLL | 27.091,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Concurrent User Trade Up from 3 Maximo Asset Management Authorized User + SW Subscription & Support 12 Months                        | D1Q6GLL | 27.091,97 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Authorized User SW Subscription & Support Reinstatement 12 Months                                                                   | D0H0DLL | 27.091,97 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test RealTime Floating User Annual SW Subscription & Support Renewal                                                                                | E011ZLL | 27.091,97 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Sterling File Gateway Standard for Non-Production Environment Install Annual SW Subscription & Support Renewal 12 Months | E0LF1LL | 27.091,97 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Inventory Visibility-AddOn-Production Readiness Extension-Resource-Additional-Instance On-Demand Set Up                                             | D0041ZX | 27.048,74 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Inventory Visibility Test Environment Instance per Month                                                                           | D1YB8LL | 27.048,74 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (101-250) from IBM Spectrum Control Standard Edition Trade Up License + SW Subscription & Support 12 Months                                       | D1N26LL | 27.026,29 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (101-250) from IBM Spectrum Virtualize Software for SAN Volume Controller Trade Up License + SW Subscription & Support 12 Months                  | D1N25LL | 27.026,29 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium for Teradata Encryption Resource Value Unit                                                                                                                                  | D1V7JLL | 26.963,58 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics User Modernization Reserved Virtual Processor Core Subscription License                                                                                                       | D09J2ZX | 26.900,87 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Modernization Virtual Processor Core Subscription License                                                                                                                | D03EWZX | 26.900,87 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Enterprise Edition 25 Authorized User License + SW Subscription & Support 12 Months                                                                                                | D58FILL | 26.847,90 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Financial Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core Monthly License                                                                     | D08HMZX | 26.847,90 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Big Replicate for Hive Install Subscription License                                                                                                                                            | D2925LL | 26.838,17 | Assinatura                |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege DevOps Vault Non-Production 1000 Record per Annum                                                                                                                    | D04ILZX | 26.822,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Standard for Non-Production Environment Install Monthly License                                                                                                          | D1843LL | 26.775,46 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                          | D0TBLL  | 26.756,65 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                       | E0EK9LL | 26.756,65 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Authorized User Single Install from Engineering Workflow Management Developer Workgroups AUSI Trade Up License + SW Subscription & Support 12 Months | D0GMGLL | 26.756,65 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integrated Analytics Dedicated Environment Instance per Month                                                                                                                            | D1QZ9LL | 26.675,65 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server Clustered 100Mbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                     | D1Y95LL | 26.650,05 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager For Applications Full Agent Pack Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                    | D0V2XLL | 26.650,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Studio Premium Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                            | E037ZZX | 26.650,05 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Operational Risk Management Application Subscription License Upgrade                                                                                                                 | D29KQLL | 26.632,55 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise Virtual Processor Core from Eligible Programs Trade Up Lic + Subscr and Support 12 Months                                                              | D27V4LL | 26.543,45 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise Virtual Processor Core SW Subscription and Support Renewal 12 Months                                                                                   | E0QYPLL | 26.543,45 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest and ClearQuest MultiSite Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                     | D0BHHLL | 26.543,45 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest and ClearQuest MultiSite Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                  | E080ELL | 26.543,45 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for the Enterprise HLL/WB Edition Per Floating User Single Install Annual SW Subscription & Support Renewal                                                                                  | E0IZ4LL | 26.543,45 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AlchemyAPI Professional for IBM Cloud Instance Pay Per Use                                                                                                                                                      | D1J6VLL | 26.496,49 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose Enterprise Cluster Instance Pay Per Use                                                                                                                                                                 | D1TR5LL | 26.496,49 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Compare and Comply Premium Instance Pay per Use                                                                                                                                                          | D00VZZX | 26.496,49 | Saas                      |
| Real | 60 |                                                | PPA  | 7831 | IBM Rational ClearQuest MultiSite Token Initl Token Lic+S&S 60 Mo                                                                                                                                                   | D0VPNLL | 26.493,29 | Permanente com Manutenção |
| Real | 60 |                                                | PPA  | 7831 | IBM Rational ClearQuest Token Initl Token Lic+S&S 60 Mo                                                                                                                                                             | D0VPFLL | 26.493,29 | Permanente com Manutenção |
| Real | 60 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Token 60 Months Initial Fixed Term License + SW Subscription & Support                                                                               | D26HZLL | 26.481,79 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Authorized User Single Install license from Analyst for Workgroups Authorized User Single Install license Trade Up + SW Subscription & Support 12 Months | D0W94LL | 26.481,79 | Upgrade com Manutenção    |
| Real | 60 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Token Initial Fixed Term License + Software Subscription and Support 60 Months                                                                            | D08RTZX | 26.481,79 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Authorized User from Maximo Asset Management Limited Use Authorized User Trade Up Licence + SW Subscription & Support 12 Months                                                         | D0T0NLL | 26.481,79 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Medium per Resource Value Unit from IBM Sterling Order Management Store Edition Small per Resource Value Unit Trade Up License + SW Subscription & Support 12 Months    | D103ALL | 26.481,79 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Enterprise Edition for Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                                | E0R6ULL | 26.424,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand for i Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                                        | E0R6SLL | 26.424,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                                              | E0R6QLL | 26.424,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (251-500) SW S&S Reinstate 12 Mo                                                                                                                                         | D11NNLL | 26.359,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (251-500) SW S&S Reinstate 12 Mo                                                                                                                                         | D11PXLL | 26.359,75 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition for Red Hat OpenShift Virtual Processor Core Monthly License                                                                                               | D26QFLL | 26.273,62 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM PL/I for AIX Concurrent User SW Subscription & Support Renewal                                                                                                                                                  | E0C9GLL | 26.223,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM SVC Real Time Compression Virtual Processor Core Annual SW S&S Rnwl                                                                                                    | E08U8ZX | 26.223,65 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Non Production Additional MDM Environment Per Instance Monthly Subscription with Support                                                                                        | D1X3ILL | 26.211,11 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium for File and Database Encryption on SAP HANA per Resource Value Unit (MVS) Monthly License                                                                                                    | D28JKLL | 26.201,83 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium for File and Database Encryption on Teradata per Resource Value Unit (MVS) Monthly License                                                      | D28JLL  | 26.201,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Accelerate on Cloud Capacity Add-On 20TB per Instance Subscription per Month                                                                             | D1IYELL | 26.148,40 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Big Replicate for Backup Install Subscription License                                                                                                             | D2927LL | 26.130,04 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Targets for z/OS Sources Install Subscription License                                                                                            | D04QMZX | 26.130,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Authorized User from Competitor Trade Up License + SW Subscription & Support 12 Months                           | D0PP1LL | 26.058,26 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication Non-RDBMS Targets Per Install Monthly License                                                                                         | D1RCQLL | 26.058,26 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM PL/I for AIX Authorized User SW Subscription & Support Reinstatement                                                                                              | D5AE8LL | 26.058,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                              | D1UXLLL | 26.058,26 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Standard Select Edition per Storage Device SW Subscription & Support Reinstatement 12 Months                                                     | D0PYNLL | 26.058,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Add-on for FIPS for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                  | D0J61LL | 26.058,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on for FIPS for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                                    | D0J5XLL | 26.058,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Processor Virtual 1790 Install Annual SW Subscription & Support Renewal                                                                 | E0G2ILL | 26.001,60 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2Bi and SFG Enterprise for Red Hat OpenShift Virtual Processor Core (VPC) Annual SW Subscription & Support Renewal 12 Months | E0QVKLL | 25.993,65 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Add-on VPN IPSec Tunnel Setup Instance per Month                                                         | D20DPLL | 25.991,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) for US Federal Add-on VPN IPSec Tunnel Setup Instance per Month                                          | D0BYKZX | 25.991,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) for US Federal IP Whitelisting Instance per Month                                                        | D0BYLZX | 25.991,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) IP Whitelisting Instance per Month                                                                       | D20DQLL | 25.991,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Add-on VPN IPSec Tunnel Setup Saas Flex Instance per Month                                                                                             | D20DFLL | 25.991,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for US Federal Saas Flex IP Whitelisting Instance per Month                                                                                            | D0C0VZX | 25.991,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for US Federal Saas Flex VPN IPSec Tunnel Setup Instance per Month                                                                                     | D0C0YZX | 25.991,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM IP Whitelisting Saas Flex Instance per Month                                                                                                           | D20DGLL | 25.991,66 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Authorized User SW Subscription & Support Reinstatement 12 Months                                                                        | D0EKYLL | 25.936,22 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Instabug Application Platform per Annum                                                                                                                               | D0CRQZX | 25.929,48 | Saas                      |



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| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Application Encryption per Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                 | E0NW9LL | 25.897,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                               | E0N23LL | 25.897,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Tokenization per Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                           | E0NW8LL | 25.897,58 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Delivery and Service Scheduling Add-on Resource Value Unit Monthly License                                                    | D184GLL | 25.897,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Authorized User Annual SW Subscription & Support Renewal                                                                        | E09NVLL | 25.871,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Applications Limited Edition Virtual Processor Core Annual SW Subscription & Support Renewal                                              | E0QKQLL | 25.853,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Applications Virtual Processor Core Annual SW Subscription & Support Renewal                                                              | E0QB6LL | 27.396,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Option for IDS Workgroup Edition Limited Use Socket Annual SW Subscription & Support Renewal                              | E085KLL | 25.853,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Option for IDS Workgroup Edition Limited Use Socket Annual SW Subscription & Support Renewal                                   | E085JLL | 25.853,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Software Suite per Terabyte License + SW Subscription & Support 12 Months                                                                       | D1K7XLL | 25.853,68 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network Insights Appliance 1920-C G2 Business Critical Upgrade Appliance Install License + SW Subscription & Support 12 Months                   | E0PJ5LL | 25.809,98 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Authorized User Single Install SW Subscription & Support Reinstatement 12 Months | D0GNXLL | 25.797,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure Proxy for Red Hat OpenShift Virtual Processor Core Annual Software Subscription & Support Renewal                                       | E0QURLL | 25.747,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Hybrid Edition Virtual Processor Core Annual SW Subscription & Support Renewal                                                                | E0R7ULL | 25.747,08 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Premium, Large, Gold Level Managed Services paygo per Instance, pay per use (labor based)                               | D1TV5LL | 25.736,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Red Hat OpenShift Resource Value Unit Subscription License Upgrade                                                    | D09U2ZX | 25.709,46 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Analytical Decision Management Application Concurrent User Annual SW Subscription & Support Renewal                                                     | E09MILL | 25.690,65 | Manutenção após Vigência  |
| Real | 60 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Basic Token Initial Fixed Term License + SW Subscription & Support 60 Months                                            | D08AYZX | 25.690,65 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database Store License + SW Subscription & Support 12 Months                               | D0VK7LL | 25.690,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Store License + SW Subscription & Support 12 Months                                                              | D0VK3LL | 25.690,65 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Dir Connect SoftLayer 10 GB Connection Advanced Support per Month                                                       | E0E4AZX | 25.680,75 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Order Management-EE-AddOn-Dir Connect Softlayer 10 GB Connection Advanced Support per Month                                                | E0E5QZX | 25.680,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 100 Events per second SW Subscription & Support Reinstatement 12 Months           | D1RPGLL | 25.584,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Non-Production 100 Events per Second SW Subscription & Support Reinstatement 12 Months              | D20MTLL | 25.584,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Workgroup Edition - Archive File Access Terabyte LIC + SW S&S 12 MO                                           | D0774ZX | 25.570,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netezza Performance Server for IBM Cloud Pak for Data Virtual Processor Core Annual SW S&S Rnwl                                        | E0ALBZX | 25.515,01 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Operations Dashboard for Oil & Gas with Radar Billion US Dollars Total Revenue per Month                                   | D1VFWLL | 25.494,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Financial Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core Monthly License           | D08H2ZX | 25.483,97 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 45 Mbps Install SW Subscription & Support Reinstatement 12 Months                                                      | D04GLZX | 25.477,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Professional Authorized User Single Install Annual SW Subscription & Support Renewal             | E0CVMLL | 25.477,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Add On Concurrent User SW Subscription & Support Reinstatement 12 Months                                      | D1SH1LL | 25.477,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Add on Concurrent User SW Subscription & Support Reinstatement 12 Months                                        | D1Q7PLL | 25.477,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Add On per Concurrent User SW Subscription & Support Reinstatement 12 Months                                 | D1R74LL | 25.477,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Add on Concurrent User SW Subscription & Support Reinstatement 12 Months                                          | D1QATLL | 25.477,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Floating User SW Subscription & Support Reinstatement 12 Months                                                     | D5316LL | 25.477,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Professional Non Production Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                      | E0NI6LL | 25.427,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Robotic Process Automation Attended Bot Agent Concurrent Connection License + SW Subscriptn and Support 12 Months                      | D29BCLL | 25.427,28 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Speech to Text Premium Base 500 Concurrent Connections & 150K Minutes Instance Pay per Use                                             | D03ZUZX | 25.331,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Speech to Text Premium for IBM Cloud Instance 500 Concurrent Connections Pay per Use                                                   | D02TYZX | 25.331,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Text to Speech Premium for IBM Cloud Instance Pay per Use                                                                              | D1NQNLL | 25.331,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise Instance Pay per Use                                                                                       | D04XLZX | 25.331,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Medium Instance Pay Per Use                                                                                           | D20C8LL | 25.331,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Add-On Authorized User Value Unit License + SW Subscription & Support 12 Months                               | D0L3BLL | 25.320,68 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Add-On to Production Imaging Edition Authorized User Value Unit License + SW Subscription & Support 12 Months | D0L3LLL | 25.320,68 | Permanente com Manutenção |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Premium Feature Pack for Multiplatforms per Install Monthly License                                                                    | D1SM1LL | 25.268,61 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                    | D0APXLL | 25.261,43 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                 | E07M7LL | 25.261,43 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Tools and Utilities Add On Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D097WLL | 25.261,43 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Tools and Utilities Add On Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E06YULL | 25.261,43 | Temporária com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Subscription License                                                 | D09LWZX | 25.207,81 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C, C++, Java and Ada Authorized User Annual SW Subscription & Support Renewal 12 Months                       | E078NLL | 25.204,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Concurrent User Annual SW Subscription & Support Renewal 12 Months                                                                      | E0N2NLL | 25.204,01 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                          | D03IFZX | 25.196,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Supply Collaboration-Function-Instance per Month                                                                                | D1SPLLL | 25.183,31 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Private Cloud Viewer 500 Authorized Users Advanced Support per Annum                                                                             | E0E8HZX | 25.146,00 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Viewer 1000 Authorized Users Advanced Support per Annum                                                                                          | E0E8JZX | 25.146,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager Container Edition for Distributed Platforms per Install Annual SW Subscription & Support Renewal 12 Months              | E0R6JLL | 25.139,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Wazi Developer for Red Hat CodeReady Workspaces Virtual Processor Core Annual SW Subscription & Support Renewal                                                 | E053HZX | 25.139,40 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Archive Workgroup Edition Terabyte Monthly License                                                                                             | D1D2ZLL | 25.125,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Pricing Add-on Resource Value Unit Monthly License                                                                                    | D184ZLL | 25.125,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Application Runtimes - Saas Engagement Remotely Delivered Service                                                                              | D00T2ZX | 25.058,94 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Business Automation - Saas Engagement Remotely Delivered Service                                                                               | D00T1ZX | 25.058,94 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Integration - Saas Engagement Remotely Delivered Service                                                                                       | D00T0ZX | 25.058,94 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender on DataPower Gateway X2 Application Instance SW Subscription & Support Renewal                                                 | E0BP0ZX | 25.051,05 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender on DataPower Gateway X3 Application Instance SW Subscription & Support Renewal                             | E0BP3ZX | 25.051,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Terabyte SW Subscription & Support Reinstatement 12 Months                                              | D26W2LL | 24.894,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Aviation Limited Use Authorized User License +SW Subscription & Support 12 Months                                                | D1GSULL | 24.894,28 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Limited Use Authorized User Licence + SW Subscription & Support 12 Months                                          | D0S8PLL | 24.894,28 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Limited Use Authorized User Licence + SW Subscription & Support 12 Months                                            | D0S8ZLL | 24.894,28 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Limited Use Authorized User Licence + SW Subscription & Support 12 Months                                         | D0S95LL | 24.894,28 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Limited Use Authorized User Licence + SW Subscription & Support 12 Months                                              | D0S9BLL | 24.894,28 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Transparent Data Encryption per Client Device SW Subscription & Support Reinstatement 12 Months | D0DGHZX | 24.894,28 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Assessment for Third Party Risk Management Instance Subscription Per Month                                                                  | D01VJZX | 24.872,40 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Configure MaaS360 Engagement Remotely Delivered Service                                                                         | D01XIZX | 24.872,40 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising Standard Edition Hundred Thousand Order Lines per Month                                                      | D0H11ZX | 24.872,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Peak Hourly Burst Capability-Resource-Thousand Order Lines Pay Per Use                                      | D1SPYLL | 24.872,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Peak Hourly Burst Capability-ResourceThousand Order Lines Subscription Per Month                            | D045XZX | 24.872,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Enterprise Edition for Red Hat OpenShift Virtual Processor Core Monthly License                                       | D26QSL  | 24.831,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Starter Edition for Non-Production Environment Install Annual SW Subscription & Support Renewal                       | E0HRTLL | 24.731,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo APM for E&U On-premise - Decision Optimization User per Concurrent User Annual SW Subscription & Support Renewal                     | E0P38LL | 24.731,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Authorized User SW Subscription & Support Reinstatement 12 Months                                                   | D0GYBLL | 24.731,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                 | D54SHLL | 24.731,25 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester Authorized User Subsequent Fixed Term License + SW Subscription & Support12 Months                               | D54SILL | 24.731,25 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Capacity Increase from 500 to 1K EPS Failover Install Annual SW Subscription & Support Renewal            | E0G30LL | 24.708,18 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise CRTG for IBM Cloud Pak for Data BD Reserved Install Extended Support Subscription Lic                           | X09NKZX | 24.706,16 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM SVC for XIV SoftWare 1TB drives Storage Device Annual SW Subscription & Support Renewal                                                                                    | E0C9ELL | 24.651,25 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center for IBM Cloud Pak for Data Application Monthly License                                                                                        | D29K5LL | 24.580,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Test Data Management Workgroup Edition Oracle Applications Terabyte Monthly License                                                                       | D198XLL | 24.580,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Archiving Adapter for InfoSphere Optim Data Growth Solution Install Monthly License                                                                                 | D1CHZLL | 24.580,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software Authorized User SW Subscription & Support Reinstatement 12 Months                                                    | D54N5LL | 24.574,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software for zSeller Authorized User SW Subscription & Support Reinstatement 12 Months                                        | D59WDLL | 24.574,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor Concurrent User Initial Fixed Term License + SW Subscription & Support 12 Months                                          | D0EC9LL | 24.518,05 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Concurrent User Initial Fixed Term License + SW Subscription & Support 12 Months    | D0YTJLL | 24.518,05 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0H3ZLL | 24.518,05 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Supply Chain EDI Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months   | D26SJLL | 24.518,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                       | E09IXLL | 24.518,05 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Floating User Single Install Annual SW Subscription & Support Renewal 12 Months                                         | E0LSELL | 24.467,88 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Build Forge QuickReport Enterprise Edition Server Monthly License                                                                                                 | D1BHRLL | 24.455,34 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Copy Services Manager Resource Value Units License + SW Subscription & Support 12 Months                                                                                   | D1M9SLL | 24.407,18 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Hyper Protect Virtual Servers Virtual Processor Core Annual SW Subscription & Support Renewal                                                                              | E0PBULL | 24.407,18 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas VPC per Instance Per Month Subscription                                                                                         | D1VGLLL | 24.374,95 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Content Management System Monitor Non-Prod Managed Virtual Server Annual SW Subscription & Support Renewal                                                      | E0BNRLL | 24.349,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Content Management System Monitor Starter Edition Managed Virtual Server Annual SW Subscription & Support Renewal                                               | E0BA2LL | 24.349,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Address Verification Interface for Non-Prod Environments Install Annual SW Subscription & Support Renewal                                          | E0JBPLL | 24.349,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Configuration Manager Concurrent User Trade Up from 3 Maximo Asset Configuration Manager Authorized User + SW Subscription & Support 12 Months                | D1QB2LL | 24.349,76 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local Modeler Authorized User Annual SW Subscription & Support Renewal                                                                                                                                              | E064GLL | 24.349,76 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local Modeler User Trade Up from IBM Cognos Enterprise Planning Modeler Authorized User Trade Up License + SW Subscription & Support 12 Months                                                                      | D1YFQLL | 24.349,76 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 50 Floating User Annual SW Subscription & Support Renewal                                                                                                                               | E01MYLL | 24.349,76 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Business Applications Install Annual SW Subscription & Support Renewal                                                                                                                                           | E0D9ILL | 24.349,76 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Data Privacy Enterprise Edition Terabyte Monthly License                                                                                                                                                              | D198BLL | 24.329,93 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                                                                | E08V4ZX | 24.285,15 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning Modeler Authorized User Annual SW Subscription & Support Renewal                                                                                                                                            | E064VLL | 24.227,72 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Strategic Facility Planning for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                                                                                    | E0D9FLL | 24.227,72 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Facilities Non-Production Environment Install Annual SW Subscription & Support Renewal                                                                                                        | E0D9VLL | 24.227,72 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Operations for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                                                                    | E0D9SLL | 24.227,72 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Projects for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                                                                      | E0D9HLL | 24.227,72 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Performance Management Real Estate for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                                                                   | E0D9GLL | 24.227,72 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning Modeler Authorized User Trade Up from Tier 2 Trade Up License + SW Subscription & Support 12 Months                                                                                                         | D076ZLL | 24.163,11 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Floating User Single Install from Engineering Workflow Management Developer Floating User Single Install Trade Up License + SW Subscription & Support 12 Months | D0JU4LL | 24.163,11 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Terabyte SW Subscription & Support Reinstatement 12Months                                                                                                               | D08KYZX | 24.163,11 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Corporate Payment Services Feature per Virtual Server Advanced Support Subscription License                                                                                                          | Z276QLL | 24.141,81 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core Monthly License                                                                                                                       | D08HCZX | 24.120,04 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Availability - Db2 Database Non-Production Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                               | D24QDLL | 24.041,07 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Business Service Manager for the Enterprise Tier 2 Resource Value Unit Annual SW Subscription & Support Renewal                                                                                                                 | E0BGFLL | 24.041,07 | Manutenção após Vigência |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Velocity User per Floating User Annual SW Subscription & Support Renewal 12 Months                                                                                  | E0PDALL | 24.041,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (1-100) SW Subscription & Support Reinstatement 12 Months                                                                        | D1N1ZLL | 24.041,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-in-One 21XX LT Failover Install Annual SW Subscription & Support Renewal                                                                             | E0I4ZLL | 24.040,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx.data Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                         | D0F4TZX | 23.985,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (251-500) from IBM Spectrum Control Standard Edition Trade Up License + SW Subscription & Support 12 Months                      | D1N2BLL | 23.934,88 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (251-500) from IBM Spectrum Virtualize Software for SAN Volume Controller Trade Up License + SW Subscription & Support 12 Months | D1N2ALL | 23.934,88 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (501-750) License + SW Subscription & Support 12 Months                                                                          | D1N2DLL | 23.934,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Edition for Developers License Authorized User Annual Software Subscription & Support Renewal                                                       | E0KHPLL | 23.892,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Authorized User Single Install License + SW Subscription & Support 12 Months                                          | D0TB6LL | 23.878,44 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Access Floating User SW Subscription & Support Reinstatement 12 Months                                                                                   | D60SBLL | 23.878,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                    | D0BJ6LL | 23.878,44 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                 | E0823LL | 23.878,44 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase and ClearCase MultiSite Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                     | D0BH7LL | 23.878,44 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase and ClearCase MultiSite Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                  | E0804LL | 23.878,44 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TPF Toolkit, Authorized User, SW Subscription & Support Reinstatement 12 Months                                                                                               | D5CVXLL | 23.878,44 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex Performance Additional Compute 24 Virtual Processor Cores per Month                                                                               | D1WGXLL | 23.877,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Modeler Gold Concurrent User Monthly License                                                                                                                             | D17Y6LL | 23.832,89 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Tools and Utilities Add On Authorized User License + SW Subscription & Support 12 Months                                                  | D09Q9LL | 23.828,28 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Deployment Manager Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                | D0ECLLL | 23.828,28 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Deployment Manager Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                             | E09J9LL | 23.828,28 | Temporária com Manutenção |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage on Cloud, Medium Dev/Test paygo Per Instance pay per use w/Support                                                                                                                                                              | D1TYNLL | 23.811,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Client Edition Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                                             | DOIVRLL | 23.771,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for Workgroups Starter Pack 10 Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                                  | D0PVRL  | 23.771,84 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for Workgroups Starter Pack 10 Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                               | E0DV1LL | 23.771,84 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Scheduler Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                                                       | D1Q6YLL | 23.771,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for SAP Applications Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                  | D26SWLL | 23.771,84 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Endpoint 10 Gbps Install Monthly License                                                                                                                                                                                           | D04FQZX | 23.702,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Data Privacy Management Application Subscription License Upgrade                                                                                                                                                                | D0514ZX | 23.702,87 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing 2D Barcode Processing Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                                      | D610XLL | 23.665,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Modernization Non-Production Virtual Processor Core Annual SW S&S Rnwl                                                                                                                                                     | E06PJZX | 23.665,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG/COBOL + Modernization Tools, Java Edition Floating User Single Install tradeup from RDi RPG/COBOL + Modernization Tools, Java Edition Authorized User Trade Up License + SW Subscription & Support 12 Months | D0ZKNLL | 23.665,24 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Cart for ICP4Data Reserved Virtual Processor Core Monthly License                                                                                                                                               | D0BVGZX | 23.640,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Explorer Modernization Resource Value Unit Advanced Support Subscription License                                                                                                                                                   | Z28SLLL | 23.640,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation One Day Consulting Services Engagement Remotely Delivered Service                                                                                                                                              | D0457ZX | 23.628,78 | Saas                      |
| Real | 1  | Contratação Mínima 12 meses                    | Saas | 7831 | IBM RPA as a Service One Day Consulting Services Engagement                                                                                                                                                                                   | D0455ZX | 23.628,78 | SaaS Human Services       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Premium, Medium, Gold Level Managed Services paygo per Instance, pay per use (labor based)                                                                                                                | D1TV4LL | 23.608,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Premium, Small, Gold Level Managed Services paygo per Instance, pay per use (labor based)                                                                                                                 | D1TV3LL | 23.608,73 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Floating User Single Install license + SW Subscription & Support Reinstatement 12 Months                                                                                       | D0C2GLL | 23.552,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Contributor Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                                                                                    | D087TLL | 23.552,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                                                                                | D0GMVLL | 23.552,93 | Manutenção após Vigência  |



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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Open Data for Industries Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Annual SW S&S Rnwl               | E04YQZX | 23.552,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 500 Mbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                       | D04GTZX | 23.495,50 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Processor Value Unit License + SW Subscription & Support 12 Months                                         | D175HLL | 23.495,50 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Administrator Authorized User Annual SW Subscription & Support Renewal                                             | E08BZLL | 23.495,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Open XL Fortran for AIX Authorized User SW Subscription & Support Reinstatement 12 Months                                                | D5APVLL | 23.495,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Open XL Fortran for AIX Concurrent User Annual SW Subscription & Support Renewal                                                         | E04U9LL | 23.495,50 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Silver 2.0 Instance Advanced Support per Month                                                                          | E0DVYZX | 23.442,24 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct Endpoint Install SW Subscription & Support Reinstatement 12 Months                              | D1BZHLL | 23.430,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Express Use Concurrent User Licence + SW Subscription & Support 12 Months                                    | D1GVCLL | 23.430,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager For Applications 3 Agent Pack Resource Value Unit License + SW Subscription & Support 12 Months | D0V2QLL | 23.373,46 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Advisor with Watson Starter Pack 100 Managed Virtual Servers per Annum                                                        | D02MIZX | 23.355,24 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics User Virtual Processor Core Subscription License                                                                    | D28CNLL | 23.326,63 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Service Provider Management per Authorized User License + SW Subscription & Support 12 Months                                  | D1R2YLL | 23.295,28 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Modernization Virtual Processor Core Subscription License Upgrade                                              | D03EVZX | 23.186,82 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap 1000 External Pack User Value Unit SW Subscription & Support Reinstatement 12 Months                                         | D16S4LL | 23.186,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Privacy for Hadoop Resource Value Unit License + SW Subscription & Support 12 Months                                 | D12R1LL | 23.186,82 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Test Pack Virtual Testers 500 Floating User Monthly License                                                     | D1BF9LL | 23.186,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Enterprise Edition for Red Hat OpenShift Virtual Processor Core Monthly License                              | D26Q9LL | 23.186,82 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Breach Response Add-On per User Value Unit (Authorized User) License + SW Subscription & Support 12 Months      | D22NCLL | 23.131,29 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Managed Service Providers Authorized User License + SW Subscription & Support 12 Months                      | D04XWLL | 23.129,39 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Inference Virtual Server Monthly License                                                                                | D048XZX | 23.115,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Business Automation as a Service Add-on Virtual Server per Month                                                       | D01XPZX | 23.069,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Control Desk on Cloud Non-Production Capacity Add-On Instance PER MONTH                                                              | D0TDLLL | 23.069,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Configurator-Function-Instance per Month                                                             | D1SPNLL | 23.069,15 | Saas                      |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network Insights Appliance 1940-C Business Critical Service Upgrade Appliance Install Subsequent License + SW Subscription & Support 12 Months                      | E0QS2LL | 23.051,84 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataPower Operations Dashboard Single Gateway Application instance Monthly License                                                                                         | D20XRLL | 23.041,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Resource Adapter Professional Edition Server Annual SW Subscription & Support Renewal                                                               | E050JLL | 23.025,64 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Automatic Data Lineage Resource Unit Extended Support Subscription License                                                                                                 | X08XFZX | 23.013,10 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Floating User from Rational Performance Tester Authorized User Trade Up License + SW Subscription & Support 12 Months                          | D54MZLL | 22.975,48 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Pack for SAP BW for Non-Prod Environments Server Monthly License                                                                             | D19H2LL | 22.971,47 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Business Continuity Management Application Subscription License Upgrade                                                                                          | D29L4LL | 22.971,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Internal Audit Management Application Subscription License Upgrade                                                                                               | D29KWLL | 22.971,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages IT Governance Application Subscription License Upgrade                                                                                                           | D29KSLL | 22.971,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Loss Event Entry Application Subscription License Upgrade                                                                                                        | D29KHLL | 22.971,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Model Risk Governance Application Subscription License Upgrade                                                                                                   | D29L0LL | 22.971,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Policy Management Application Subscription License Upgrade                                                                                                       | D29KULL | 22.971,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Third Party Risk Management Application Subscription License Upgrade                                                                                             | D29KLLL | 22.971,47 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Modeler Premium Concurrent User Monthly License                                                                                                                       | D17T8LL | 22.971,47 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM ELT Pushdown Express Unrestricted Add-on Non-Production Install Subscription License                                                                                       | D0D58ZX | 22.950,40 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Cartridge for IBM CPD for Voice Interaction Bundle Reserved 50 Concurrent Connections Advanced Support Subscription Lic                                   | Z09N2ZX | 22.887,69 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Player Add On Floating User Single Install from Authorized User Trade Up License + SW Subscription & Support 12 Months | D09R0LL | 22.868,88 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Developer Network Basic for Non-Production Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                 | D1F9ELL | 22.812,44 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Developer Network Basic for Non-Production Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                              | E0L9ILL | 22.812,44 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Contributor Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                           | D1JPYLL | 22.812,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Mega for Red Hat OpenShift per Resource Value Unit Annual SW Subscription & Support Renewal                               | E0QP2LL | 22.812,44 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Discovery Cartridge for IBM Cloud Pak for Data Additional Capacity for Non-Production Environment 8 Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months | E0QKBLL | 22.812,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                            | D0BIDLL | 22.762,28 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                         | E081ALL | 22.762,28 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Pack for SAP Applications for Non-Production Environments Install Monthly License                                                                      | D19H5LL | 22.756,11 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Management Software Delivery and Service Scheduling Add-on for Red Hat OpenShift Resource Value Unit Subscription License                                             | D28LRLL | 22.756,11 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 28x512.4x3.8tb.ssd Bare Metal SDS (28 cores, 512GB Memory, 4 x Raw 3.8TB SSD, 10Gbps Bonded Network) per Instance Pay per Use                               | D20B1LL | 22.747,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 28x512.4x3.8tb.ssd Bare Metal SDS (28 cores, 512GB Memory, 4 x Raw 3.8TB SSD, 10Gbps Bonded Network) per Instance Pay per Use                             | D01SGZX | 22.747,46 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for UrbanCode per Additional LPAR Group P05 SW SUPPORT 12 MO                                                                                            | D1UQDLL | 22.705,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                           | D0GMELL | 22.698,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Unstructured Forms Processing Concurrent User Annual SW Subscription & Support Renewal                                                                  | E03T7LL | 22.698,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Configuration Manager Concurrent User Annual SW Subscription & Support Renewal 12 Months                                                                                | E0N3LLL | 22.698,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager Unlimited User Option Processor Value Unit (PVU) from Security Access Manager for Web Trade Up License + SW Subscription & Support 12 Months    | D06DILL | 22.698,68 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Professional Authorized User Annual SW Subscription & Support Renewal                                                                                                   | E09QILL | 22.698,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Director Resource Value Unit License + SW Subscription & Support 12 Months                                                                                   | D24X1LL | 22.698,68 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data DataStage Enterprise Plus Reserved Virtual Processor Core Subscription License                                                                                    | D09NWZX | 22.636,87 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM DevOps Model Architect Floating User Annual SW Subscription & Support Renewal                                                                                                        | E0FIGZX | 22.599,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Event Automation Non-Production Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                 | D0DUGZX | 22.599,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Authorized User Single Install license + SW Subscription & Support Reinstatement 12 Months                                    | D06WCLL | 22.576,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct 100 Mbps Non-Production Environment Install Annual SW Subscription & Support Renewal 12 Months                                                  | E0KPKLL | 22.576,65 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG/COBOL + Modernization Tools, Java Edition Floating User Single Install SW Subscription & Support Reinstatement 12 Months | D0ZNBLL | 22.576,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer for WebSphere Software Floating User Single Install Annual SW Subscription & Support Renewal                     | E0DV5LL | 22.576,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Design Studio Authorized User SW Subscription & Support Reinstatement 12 Months                                               | D58XGLL | 22.576,65 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition for Red Hat OpenShift Virtual Processor Core Subscription License                                  | D28LGLL | 22.574,16 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core Monthly License                                    | D08GSZX | 22.540,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Express Edition for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                        | D1BCNLL | 22.519,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Express Edition for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                    | D1BCILL | 22.519,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management Advanced Authorized User SW Subscription & Support Reinstatement 12 Months                                              | D1UX8LL | 22.519,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Authorized User SW Subscription & Support Reinstatement 12 Months                                    | D09DZLL | 22.519,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Limited Use Authorized User Licence + SW Subscription & Support 12 Months                                                    | D0T05LL | 22.519,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Virtual SIEM Flow Capacity Increase from 15K to 25K FPM Failover Install SW Subscription & Support Reinstatement 12 Months            | D0WUWLL | 22.495,90 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Foundation Gold 2.0 Instance Advanced Support per Month                                                                                       | E0DVPZX | 22.447,34 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Publisher Authorized User Single Install License + SW Subscription & Support 12 Months                      | D0B0TLL | 22.442,48 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Answer Retrieval for Watson Discovery On Prem Install Monthly License                                                                                 | D06DEZX | 22.386,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition per Virtual Processor Core SW Subscription & Support Renewal 12 Months                                          | E0PD4LL | 23.721,68 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar SOAR Expert Assistance Service 8 Hours Engagement Remotely Delivered SW Services                                                      | D05BHZX | 22.385,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar SOAR Expert Assistance Service Additional Day Engagement Remotely Delivered SW Services                                               | D02TSZX | 22.385,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Insights-Enterprise-Standard Edition-Base-Resource Ten Thousand Shipment Records Pay per Use                                      | D00N6ZX | 22.385,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud SIEM for ISVs - Large - up to 400 EPS month Instance Pay per Use                                                                                | D0FQQZX | 22.291,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Authorized User License + SW Subscription & Support 12 Months  | D0YSXLL | 22.279,44 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Solutions Accelerator Client Edition Authorized User SW Subscription & Support Reinstatement 12 Months                   | D0N7CLL | 22.275,14 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Configuration Manager Authorized User SW Subscription & Support Reinstatement 12 Months                                                                           | D03WZLL | 22.275,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor Authorized User License + SW Subscription & Support 12 Months                                                                 | D0EP8LL | 22.275,14 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Datacap Non-Production Environment Silver Instance Advanced Support per Month                                                                                                      | E0DWMZX | 22.260,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ for Non-Production Environment Virtual Processor Core LIC + SW S&S 12 MO                                                                                                    | D0ETRZX | 22.229,28 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Enterprise Edition 25 Floating Users Single Install Annual SW Subscription & Support Renewal                                                                       | E02K4LL | 22.210,54 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Customer Transaction Manager-Additional Form Implementation-Item On-Demand Setup                                                  | D014TZX | 22.198,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Customer Transaction Manager-Additional Form Implementation-Item Setup                                                            | D014SZX | 22.198,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Supplier Transaction Manager-Additional Form Implementation-Item On-Demand Setup                                                  | D0153ZX | 22.198,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Supplier Transaction Manager-Additional Form Implementation-Item Setup                                                            | D0152ZX | 22.198,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify On-Premises 100K Eligible Participants Monthly License                                                                                                         | D29AVLL | 22.197,92 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise 100 Mbps Install Monthly License                                                                                                                             | D04DTZX | 22.181,82 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Supply Chain EDI for Red Hat OpenShift Virtual Processor Core Trade Up                                                               | D09Y9ZX | 22.172,84 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Extension for VSE Authorized User SW Subscription & Support Reinstatement 12 Months                                                                | D07A5LL | 22.153,10 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile SDK for Business 10 Eligible Participants per Annum                                                                                                            | D172PLL | 22.086,72 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile SDK for Retail 100 Eligible Participant per Annum                                                                                                              | D172MLL | 22.086,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Administrator Cartridge for IBM Cloud Pak for Data Authorized User SW Subscription and Support Renewal 12 Months                                              | E03GSZX | 22.066,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Administrator Modernization Authorized User From IBM Cognos Analytics Administrator Per Authorized User Trade Up License + Subscription and Support 12 Months | D03CFZX | 22.066,24 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Modernization Virtual Processor Core Annual SW Subscription & Support Renewal                                             | E08LBZX | 22.066,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Annual SW S&S Rnwl                                                                   | E06P9ZX | 22.066,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Service Tester for SOA Quality Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                    | E03P2LL | 22.066,24 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Medium for Red Hat OpenShift per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                        | D26RPLL | 22.066,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network Appliance PCAP-C G2 Business Critical Appliance Upgrade Install License + SW Subscription & Support 12 Months                                                   | E0PJ8LL | 22.038,79 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 300 Mbps Install from Aspera Endpoint 100 Mbps Install Trade Up License + SW Subscription & Support 12 Months                                                  | D04GAZX | 22.016,08 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Administrator per Authorized User Annual SW Subscription & Support Renewal                                                                                                    | E0K30LL | 22.016,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Floating User Single Install from Authorized User Trade Up License + SW Subscription & Support 12 Months | D0DY3LL | 22.016,08 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Deployment Planning Floating User Single Install from Authorized User Trade Up License + SW Subscription & Support 12 Months                | D0DY9LL | 22.016,08 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Risk Management for ESG Application SL UPGRADE                                                                                                                                       | D0DG8ZX | 22.009,81 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core Subscription License                                                                | D08HNZX | 21.966,47 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (1251-2000) LIC + SW S&S 12 MO                                                                                                                          | D11PNLL | 21.959,64 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (1251-2000) LIC + SW S&S 12 MO                                                                                                                          | D11Q2LL | 21.959,64 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Silver 2.0 Instance Advanced Support per Month                                                                                                                        | E0FYXZX | 21.949,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Asset Manager Enterprise Edition Publisher Floating User Single Install Monthly License                                                                                               | D1BJWLL | 21.947,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Controller Small and Medium Enterprise Edition per Install Monthly License                                                                                                              | D1RSXLL | 21.884,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Controller Standard Edition for Non-Production Environment Install Monthly License                                                                                                      | D17MILL | 21.884,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Modernization Virtual Processor Core Subscription License                                                                                                            | D03KDZX | 21.884,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Digital Payments per Virtual Server Extended Support Subscription License                                                                                    | X276RLL | 21.884,39 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                             | D08HBLL | 21.844,43 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                          | E0808LL | 21.844,43 | Temporária com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Subscription - AI Application Authorized User per Annum                                                                                                                               | D0GX2ZX | 21.788,28 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Subscription - AI Ops Authorized User per Annum                                                                                                                                       | D0GYBZX | 21.788,28 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Subscription - Business Automation Authorized User per Annum                                                                                                                          | D0GYCZX | 21.788,28 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Subscription - Data Science and Governance Authorized User per Annum                                                                                                                  | D0GXHZX | 21.788,28 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Subscription - Digital Trust Authorized User per Annum                                                                                                                                | D0GYAZX | 21.788,28 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Subscription - Hybrid Data Mgmt Authorized User per Annum                                                                                                                             | D0GXIZX | 21.788,28 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Subscription - Integration Authorized User per Annum                                                                                                                                  | D0GXGZX | 21.788,28 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Subscription - Threat Management Authorized User per Annum                                                                                                                            | D0GXDZX | 21.788,28 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas Test Instance Advanced Support per Month                                                                                                            | E0E6EZX | 21.763,35 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Single Sign-On Setup on Cloud Engagement Remotely Delivered Service -- Distinct                                                           | D01VDZX | 21.763,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Disaster Recovery Premium per Instance per Month                                                                                 | D1RJDLL | 21.763,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-API iPaaS Trading Partner Complex Connection Set Up                                                                   | D08P2ZX | 21.763,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech Services Cartridge for IBM CPD for NP Environment Reserved 32 Virtual Processor Cores Advanced Support Subscription Lic               | Z09N7ZX | 21.758,98 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech Services Cartridge IBM Cloud Pak for Data 32 Virtual Processor Cores Advanced Support Subscription License                            | Z269VLL | 21.758,98 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition for Red Hat OpenShift Virtual Processor Core Subscription License                              | D28LALL | 21.751,11 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Network Packet Capture Software Install Monthly License                                                                                      | D1Q1ALL | 21.750,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Foundation Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                             | E0QIELL | 21.696,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Non-Production for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal               | E0QP6LL | 21.696,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal  | E0QPBL  | 21.696,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Healthcare for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal          | E0QP7LL | 21.696,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local User Authorized User License + SW Subscription & Support 12 Months                                                         | D1RA8LL | 21.639,84 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Floating User Annual SW S&S Rnwl                                                                       | E013LLL | 21.639,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server per Limited Use Socket Annual SW Subscription & Support Renewal                                                        | E0AT3LL | 21.639,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM IBM Db2 Warehouse for zLinux Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                              | E0NTFLL | 21.610,98 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM IBM Db2 Warehouse per Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                     | E0MK9LL | 21.610,98 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure File Transfer-Container Edition for Non-Production Environment Virtual Processor Core Monthly License                                        | D28YWLL | 21.607,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Secure File Transfer Container Edit with RH OpenShift for Non Prod Virtual Processor Core Monthly License                                  | D06ACZX | 21.607,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D05V9LL | 21.589,68 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E05N2LL | 21.589,68 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                  | E08H4LL | 21.589,68 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimization Studio Developer Edition Floating User Single Session Annual SW Subscription & Support Renewal                                                                                               | E0JZWLL | 21.589,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Integration Designer per Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                                           | D0INYL  | 21.589,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector per Install Annual SW Subscription & Support Renewal                                                                                                                            | E09TOLL | 21.589,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Authorized User License + SW Subscription & Support 12 Months                                                                            | D0DBCLL | 21.589,68 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Floating User Single Install from Rational Application Developer Standard Edition Trade Up License + SW Subscription & Support 12 Months | D0H7ULL | 21.589,68 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (101-250) SW Subscription & Support Reinstatement 12 Months                                                                                                             | D1N24LL | 21.589,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Employee User Value Unit License + SW Subscription & Support 12 Months                                                                                                                      | D0H4KLL | 21.533,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Capacity Increase from 1K to 2.5K EPS Failover Install Annual SW Subscription & Support Renewal                                                                                    | E0G32LL | 21.532,27 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Premium, Large, Silver Level Managed Services paygo per Instance, pay per use (labor based)                                                                                          | D1TV2LL | 21.531,56 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                  | D097ZLL | 21.478,33 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                               | E06YXLL | 21.478,33 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG/COBOL + Modernization Tools, Java Edition Authorized User License + SW Subscription & Support 12 Months                                                                                 | D0ZN3LL | 21.478,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Concurrent User Annual SW Subscription & Support Renewal                                                                                                                                    | E09P1LL | 21.478,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for SAP Applications for Red Hat OpenShift Virtual Processor Core Trade Up                                                                                                     | D09YSZX | 21.426,64 | Upgrade com Manutenção    |
| Real | 48 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Token 48 Months Initial Fixed Term License + SW Subscription & Support                                                                                    | D26HYLL | 21.420,89 | Temporária com Manutenção |
| Real | 48 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Token Initial Fixed Term License + Software Subscription and Support 48 Months                                                                                 | D08RRZX | 21.420,89 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Authorized User Value Unit License + SW Subscription & Support 12 Months                                                                                                        | D04KJLL | 21.356,29 | Permanente com Manutenção |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 28x512.2x3.8tb.ssd Bare Metal SDS GPU (28 cores, 512GB Memory, 2 x Raw 3.8TB SSD, 10Gbps Bonded Network) per Instance Pay per Use                                      | D20B3LL | 21.328,91 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer per Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                           | D0G5PLL | 21.298,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Mega per Resource Value Unit Annual SW Subscription & Support Renewal                                                                                   | E0HS0LL | 21.298,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Open XL CC++ for AIX Concurrent User Annual SW S&S Rnwl                                                                                                                                             | E04U7LL | 21.298,86 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Business Automation as a Service Add-on Operations Engagement Remotely Delivered Service                                                                                          | D01XNZX | 21.265,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Non-Production Virtual Processor Core from Information Governance Catalog Processor Value Unit Non-Production Trade Up Lic + Subscr and Support 12 Months | D28A4LL | 21.234,24 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Floating User from Bundled Rational ClearCase LT Floating User Trade Up License + SW Subscription & Support 12 Months                                                        | D5318LL | 21.234,24 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Floating User from Rational ClearCase LT Floating User Trade Up License + SW Subscription & Support 12 Months                                                                | D5317LL | 21.234,24 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 5 Floating User License + SW Subscription & Support 12 Months                                                                                    | D530JLL | 21.234,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Big Data Resource Value Unit (MVS) SW Subscription & Support Reinstatement 12 Months                                                                      | D1NECLL | 21.234,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (501-750) License + SW Subscription & Support 12 Months                                                                                                          | D1IW1LL | 21.234,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Natural Language Processing Library for Embed 250,000 Monthly API Calls License + SW Subscription & Support                                                                              | D0CU8ZX | 21.213,44 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Text to Speech Library for Embed (12,500,000) Monthly Characters License + SW Subscription & Support                                                                                     | D0CXXZX | 21.213,44 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AlchemyAPI Advanced for IBM Cloud Instance Pay Per Use                                                                                                                                          | D1J6ULL | 21.176,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted Advanced Large Paygo Instance Pay Per Use                                                                                                                                            | D1PW6LL | 21.176,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud 12.128.1400 Paygo Instance Pay Per Use                                                                                                                                             | D1MPJLL | 21.176,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Geo-Replicated Disaster Recovery Node Dedicated Infrastructure 12.128.1400 Instance Pay Per Use                                                                                    | D1XICLL | 21.176,93 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Floating User Single Install Software Subscription & Support Reinstatement 12 Months                                                          | D272YLL | 21.176,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management for Internal Service Providers Concurrent User License + SW Subscription & Support 12 Months                                                                            | D1R6CLL | 21.176,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Non-Financial Services Resource Value Unit License + SW Subscription and Support 12 Months                                                                                       | D0LKCLL | 21.176,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentrans-Director Pro Install Annual SW Subscription & Support Renewal                                                                                                                 | E0BWILL | 21.176,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (1-100) SW Subscription & Support Reinstatement 12 Months                                                                                                        | D1IVVLL | 21.176,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Open XL CC++ for AIX Authorized User SW S&S Reinstatement 12 Mo                                                                                                                                     | D5AHPLL | 21.176,82 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Additional Non Production,Instance Per Month                                                                                                    | D1WVELL | 21.141,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Non Production Capacity Add-on Instance User Per Month                                                                                          | D1C41LL | 21.141,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud for US Federal (TRIRIGA) Additional Non Production,Instance Per Month                                                                                     | D1WVSL  | 21.141,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Additional Non Production Saas Flex Instance Per Month                                                                                                                                        | D1WV2LL | 21.141,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Non Production Capacity Add-On Saas Flex Instance PER MONTH                                                                                                                                   | D133DLL | 21.141,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Non Production Saas Flex Instance per Month                                                                                                                                                   | D133BLL | 21.141,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Accelerated Value Program-Engagement Per Month                                                                                                                                       | D00MQZX | 21.141,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Data Encryption Key Management on KMIP per Resource Value Unit (MVS) Annual SW Subscription & Support Renewal                                                                      | E04K8ZX | 21.131,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium for Data Encryption Key Management on Oracle TDE and Microsoft SQL per Resource Value Unit (MVS) Annual SW Subscription & Support Renewal                                              | E04K4ZX | 21.131,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Modernization Virtual Processor Core Annual SW Subscription & Support Renewal                                                                                                | E0BZUX  | 21.106,84 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core Subscription License                                                                        | D08H3ZX | 21.105,03 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Adapter for Oracle Applications Saas Flex per Item Subscription per Month                                                                                                                     | D1V1GLL | 21.079,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Adapter for SAP Applications Saas Flex per Item Subscription per Month                                                                                                                        | D1V1HLL | 21.079,36 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management Advanced Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                          | D1UX9LL | 21.054,78 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Floating User Single Install from Competitive Floating User Trade Up License + SW Subscription & Support 12 Months | D0DY2LL | 21.054,78 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational SoftwareArchitect Designer Extension for Deployment Planning Floating User Single Install from Competitive Floating User Trade Up License + SW Subscription & Support 12 Months                 | D0DY8LL | 21.054,78 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody TestConductor Add On Authorized User SW Subscription & Support Reinstatement 12 Months                                                                               | D09I9LL | 20.990,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Express Edition CPU Option Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                             | D229ZLL | 20.990,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Optim High Performance Unload Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                                   | D07YCZX | 20.990,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master for Financial Services Resource Value Unit SW Subscription and Support Renewal 12 Months                                                                                                  | E0CY2LL | 20.990,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks Capacity Edition Virtual Processor Core SW Subscription and Support Renewal 12 Months                                                                                   | E0QUWLL | 20.990,17 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Curam Case Management Eligibility and Entitlement Add-On per Authorized User License + SW Subscription & Support 12 Months                                                                                 | D1R2QLL | 20.893,64 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Case Management per Authorized User License + SW Subscription & Support 12 Months                                                                                                                    | D1R1HLL | 20.893,64 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Telemetry Advanced Retail Store Editon per 100 Client Devices SW Subscription & Support Reinstatement 12 Months                                                                                         | D0NEBLL | 20.893,64 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-eInvoicing Post-Audit Setup per Country - Instance Setup                                                                                                               | D04PSZX | 20.892,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Additional Development and Test Environment paygo Per Instance pay per use with Support                                                                                    | D1X3GLL | 20.872,95 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Standard Edition Adaptor Toolkit Server Annual SW Subscription & Support Renewal                                                                                                      | E02XYLL | 20.843,47 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage on Cloud Premium , Medium, Gold Level Managed Services per Instance per Month Subscription (labor based)                                                                                         | D1TPALL | 20.830,64 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Content Manager OnDemand Premium Feature Pack for Multiplatforms Install SUBSCRIPTION LICENSE                                                                                                              | D07WHZX | 20.817,89 | Assinatura                |
| Real | 48 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Basic Token Initial Fixed Term License + SW Subscription & Support 48 Months                                                                                               | D08AWZX | 20.787,04 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Baremetal Server Deployment Instance per Month                                                                                                    | D20DKLL | 20.768,45 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) for US Federal Baremetal Server Deployment Instance per Month                                                                                     | D0BYIZX | 20.768,45 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Modernization for Non-Production Environment Virtual Processor Core Subscription License Upgrade                                                                                                 | D294VLL | 20.746,10 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Floating User Single Install Annual SW Subscription & Support Renewal                                                                   | E078TLL | 20.736,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Floating User Single Install from Rational Rose Technical Developer FloatingUser Trade Up License + SW Subscription & Support 12 Months | D0CA6LL | 20.736,87 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Limited Use Authorized User License + SW Subscription & Support 12 Months                                                                                                          | D0GY8LL | 20.736,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Medium per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                   | D0ZZHLL | 20.736,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio PI Professional Authorized User Annual SW Subscription & Support Renewal 12 Months                                                                                                                       | E0QLVLL | 20.736,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Enterprise Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                 | D1L2ILL | 20.688,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal                                                  | E08LXZX | 20.680,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 100Mbps Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                          | D1VYELL | 20.624,06 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Console Application - 1 Node Install Monthly License                                                                                                                                                | D1DNSLL | 20.602,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Shares Application Install Monthly License                                                                                                                                                          | D1DLILL | 20.602,53 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Modernization Virtual Processor Core Subscription License Upgrade                                                                                      | D0367ZX | 20.602,53 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Connector for Fax Connection Annual SW Subscription & Support Renewal                                                                                             | E0BM2LL | 20.566,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Connector for Microsoft SharePoint Connection Annual SW Subscription & Support Renewal                                                                            | E0BM4LL | 20.566,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software Authorized User from Competitive Products Trade Up License + SW S&S 12 Months                                       | D54N9LL | 20.566,64 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software for zSeller Authorized User from Competitive Products Trade Up License + SW S&S 12 Months                           | D59WLLL | 20.566,64 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite - ProtecTIER Option Terabyte SW Subscription & Support Reinstatement 12 Months                                                                      | D1IMLLL | 20.566,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Message Broker Retail Store Edition Store License + SW Subscription & Support 12 Months                                                                         | D0VLHLL | 20.566,64 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Endpoint 1Gbps Resource Value Unit Monthly License                                                                                             | D1W4TLL | 20.530,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Monitored Costs Overage                                                                                                                               | D0GWSZX | 20.519,73 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Merge Backup Virtual Processor Core License + SW Subscription & Support Reinstatement 12 Months                                                                       | D07XUZX | 20.502,03 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Accelerate on Cloud Secure Connectivity per Instance Subscription per Month                                                                                      | D1IYFLL | 20.442,16 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Amos for zEnterprise BladeCenter Extension Concurrent User SW Subscription & Support Reinstatement 12 Months                                                         | D0YTLL  | 20.417,07 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Capacity 500 Events Per Second Monthly License                                                                                                      | D1RNTLL | 20.387,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Eclipse Client Floating User Single Install from RPPz Authorized User Trade Up License + SW Subscription & Support 12 Months                | D0H6BLL | 20.379,99 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Standard Edition Connection SW Subscription & Support Reinstatement 12 Months                                                                        | D22I7LL | 20.379,99 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Subscription License                                                       | D096JZX | 20.379,45 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                | D03JTZX | 20.379,45 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Privacy Risk Assessment for Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support Reinstatement                                              | D0AKIZX | 20.360,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Software Install Annual SW Subscription & Support Renewal 12 Months                                                                                       | E0NBALL | 20.350,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months | D0DBGLL | 20.322,57 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                | E08XSLL | 20.322,57 | Temporária com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Edition for Red Hat OpenShift Virtual Processor Core Subscription License                                                                                                  | D28LELL | 20.315,39 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Application Business Insights for IBM Cloud Paks Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                    | D278FLL | 20.257,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Scan or Image Import Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                         | D610VLL | 20.257,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester Floating User Annual SW Subscription & Support Renewal                                                                                                                           | E012DLL | 20.257,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester S390 Floating User Annual SW Subscription & Support Renewal                                                                                                                      | E01I5LL | 20.257,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy for Apache Hadoop Resource Value Unit LIC + SW S&S 12 MO                                                                                                                      | D0BABZX | 20.254,04 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Explorer Install Monthly License                                                                                                                                                               | D02ZKZX | 20.243,60 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Enterprise Terabyte Transmitted per Annum                                                                                                                                                   | D04PYZX | 20.221,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for PostgreSQL Medium Instance Pay per Use                                                                                                                                        | D01JTZX | 20.212,50 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium for Batch Data Transformation Resource Value Unit Subscription License                                                                                                                    | D0CZNZX | 20.191,33 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Player Add On Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                            | D09GPLL | 20.147,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                      | D0GL4LL | 20.147,44 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                   | E0APGLL | 20.147,44 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation 1000 External Pack User Value Unit from IBM Enterprise Records Foundation Content Collector Edition 1000 External Pack Trade Up License + SW Subscription & Support 12 Months | D1ADRLL | 20.147,44 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM Cloud Pak for Data 10 Thousand Monthly Minutes Annual SW Subscription & Support Renewal 12 Months                                                  | E0QJ6LL | 20.147,44 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Monthly License                                                                                                   | D0BVEZX | 20.128,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Analytics Enterprise Cartridge for IBM Cloud Pak for Data from Eligible Program Authorized User Trade Up License + SW Subscription & Support                                                       | D0AS3ZX | 20.097,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Publishing Floating User Annual SW Subscription & Support Renewal                                                                                                        | E0742LL | 20.097,27 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                                                             | D26VXLL | 20.040,84 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor & Director for C-D Solo Edition Resource Value Unit SW Subscription & Support 12 Months                                                                                                                              | D1P2ILL | 20.040,84 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Non Production for Red Hat OpenShift Virtual Processor Core Trade up f Sterling Trfrm Ext Pck f Fncl Pymnt f Non Prd Crt Ctnr VPC Trade Up License + SW Subscription & Support | D08X4ZX | 20.013,89 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Console Application Install Annual SW Subscription & Support Renewal 12 Months                                                                                                                                                                | E0KQYLL | 19.990,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Resource Value Unit License + SW Subscription & Support 12 Months                                                                                                                                                                         | D0IM9LL | 19.990,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Data Manager Simultaneous Session SW Subscription & Support Reinstatement 12 Months                                                                                                                                                     | D02ZHZX | 19.990,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (1-100) from IBM Spectrum Control Advanced Edition Trade Up License + SW Subscription & Support 12 Months                                                                                               | D1N22LL | 19.990,67 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (751-1250) License + SW Subscription & Support 12 Months                                                                                                                                                | D1N2ILL | 19.990,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx.data Non-Production Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                                                                     | D0F4YZX | 19.990,67 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Dedicated Runtimes 16GB Capacity Instance Overage                                                                                                                                                                                              | D1LGYLL | 19.953,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Dedicated Runtimes 16GB Capacity Instance per Month                                                                                                                                                                                            | D1D5SLL | 19.953,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Dedicated Runtimes 64GB Capacity Instance 16GB Overage                                                                                                                                                                                         | D1LGXLL | 19.953,03 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Discover and Classify for Structured Data per Resource Value Unit (MVS) License + SW Subscription & Support 12 Months                                                                                                                       | D0CEVZX | 19.940,51 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Connect Direct-Control Center Director Deployment Assurance Engagement Remotely Delivered Service -- Cloud Services                                                                                                                         | D04YGZX | 19.940,51 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 1Gbps Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                                                                                     | E0P25LL | 19.934,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 1Gbps Resource Value Unit from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                                                                         | D1YGCLL | 19.934,24 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                                                                                    | D0BH1LL | 19.934,24 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                                                                                 | E07ZYLL | 19.934,24 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Authorized User Single Install Annual SW Subscription & Support Renewal                                                                                                                                                      | E0DTRLL | 19.934,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Workbench Authorized User Single Install Migration from Legacy Green Hat Acquisition Trade Up License + SW Subscription & Support 12 Months                                                                                            | D0TE7LL | 19.934,24 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network Insights Appliance 1910-C Business Critical Appliance Upgrade Install License + SW Subscription & Support                                                                                                                             | E0PHVLL | 19.910,56 | Temporária com Manutenção |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudant for IBM Cloud Dedicated Hardware Option Instance Pay Per Use                                                                                                                      | D1PI1LL | 19.862,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Dedicated Direct Link 10 Gbps Capacity Instance per Month                                                                                                                            | D1D5JLL | 19.858,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Additional Applications for Retail Application Advanced Support 12 Months                                                                              | E0DW2ZX | 19.848,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Modernization Non Production Virtual Processor Core Annual SW Subscription & Support Renewal                                                                              | E0BZJZX | 19.827,64 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Additional Applications for Retail Application Advanced Support 12 Months                                                                                                 | E0DYUZX | 19.773,60 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Process Mining Process add-on Item per Annum                                                                                                                                                   | D0A31ZX | 19.773,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Insurance Business Vocabulary, Small Instance per Month                                                                                                                              | D1SR3LL | 19.773,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Disaster Recovery Premium Instance Subscription Per Month                                                                                                 | D05HTZX | 19.773,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Live Event Setup And Assistance Event One Time Set Up                                                                                                         | D089AZX | 19.773,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Application Gateway Hosted Instance Advanced Support per Month                                                                                                             | E0G9SZX | 19.773,56 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Web Client Floating User Single Install from Rational Programming Patterns Web Client Authorized User Trade Up License + SW Subscription & Support 12 Months | D1TTSL  | 19.769,81 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Robotic Process Automation Unattended Bot Agent Concurrent Connection Annual SW Subscription & Support Renewal 12 Months                                                                   | E0R8ALL | 19.769,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for SAP HANA per Resource Value Unit (MAPC) SW Subscription & Support Reinstatement 12 Months                                                            | D25Y8LL | 19.769,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (501-750) SW S&S Reinstat 12 Mo                                                                                                                     | D1INQLL | 19.769,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (501-750) SW S&S Reinstat 12 Mo                                                                                                                     | D1IPZLL | 19.769,81 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core Subscription License                                                                      | D08HDZX | 19.741,10 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Cartridge for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal                                                           | E0BYYZX | 19.721,04 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Runbook Automation Private Deployment Instance Overage                                                                                                                                     | D1PHXLL | 19.711,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Income Support Authorized User License + SW Subscription & Support 12 Months                                                                                                         | D0QTRLL | 19.670,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Facilities Manager Concurrent User Annual SW Subscription & Support Renewal                                                                                                        | E0D9MLL | 19.647,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Real Estate Manager Concurrent User Annual SW Subscription & Support Renewal                                                                                                       | E0D9KLL | 19.647,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Operations Manager Concurrent User Annual SW Subscription & Support Renewal                                                                                              | E0D9QLL | 19.647,78 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication Non-RDBMS Targets Install Subscription License                                                                                                                 | D04QZZX | 19.597,53 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Cartridge for IBM Cloud Pak for Data Authorized User License + SW Subscription and Support 12 Months                        | D03H9ZX | 19.590,36 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Amos Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                           | D0ENELL | 19.590,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Authorized User License + SW Subscription & Support 12 Months                                                                    | D0EJ9LL | 19.590,36 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Basic Edition for Non-Production on Cloud Instance Subscription Per Month                                                                   | D01V8ZX | 19.587,02 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager Basic Edition Install for zEnterprise BladeCenter Extension SW Subscription & Support Reinstatement 12 Months | D0NSULL | 19.564,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Eclipse Client Floating User Single Install SW Subscription & Support Reinstatement 12 Months                           | D0H6ALL | 19.525,74 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Standard Edition Simultaneous Session SW Subscription & Support Reinstatement 12 Months                                       | D0J1LLL | 19.525,74 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Pack for FIX Application Instance Monthly License                                                                             | D1882LL | 19.525,74 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Premium, Medium, Silver Level Managed Services paygo per Instance, pay per use (labor based)                          | D1TV1LL | 19.505,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Premium, Small, Silver Level Managed Services paygo per Instance, pay per use (labor based)                           | D1TV0LL | 19.505,06 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support 12Months                    | D08KRZX | 19.468,32 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Architect One Day Service for Enterprise Content Management Engagement Remotely Delivered Software Service                                      | D00RMZX | 19.462,65 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Anaconda Repository for IBM Cloud Pak for Data Authorized User SW Subscriptn & Supt Reinstatement 12 Months                                               | D28AVLL | 19.401,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera faspex Application Install Annual SW Subscription & Support Renewal                                                                            | E0K9SLL | 19.401,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Shares Application Install Annual SW Subscription & Support Renewal 12 Months                                                                  | E0KXGLL | 19.401,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct Endpoint Non-Production Environment Install License + SW Subscription & Support 12 Months                        | D1C04LL | 19.401,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Secure Proxy for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months           | D27P6LL | 19.401,24 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Fulfillment Optimizer with Watson Test Environment Instance Advanced Support per Month                                                       | E0E64ZX | 19.400,47 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Edition VPC Option Virtual Processor Core Monthly License                                                                                | D24PFLl | 19.382,17 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Security Verify Privilege Vault Replication On-Premises Install Annual SW Subscription & Support Renewal                                     | E0R5XLL | 19.382,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault Engines On-Premises Install SW Subscription and Support Renewal 12 Months                                             | E0R2ULL | 19.382,17 | Manutenção após Vigência  |



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| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault Sites On-Premises Install SW Subscription and Support Renewal 12 Months                                                         | E0R2SLL | 19.382,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning User Authorized User License + SW Subscription & Support 12 Months                                                                   | D1V7YLL | 19.346,28 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Delivery and Service Appointments-Function-Instance per Month                                                                   | D1SPMLL | 19.338,29 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Advanced Edition 10 Eligible Participants per Annum                                                                         | D171LLL | 19.251,24 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Advanced Edition 100 Eligible Participant per Annum                                                                         | D170PLL | 19.251,24 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Standard Edition 10 Eligible Participants per Annum                                                                         | D171BLL | 19.251,24 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Standard Edition 100 Eligible Participant per Annum                                                                         | D171FLL | 19.251,24 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Business 10 Eligible Participants per Annum                                                                                                | D170ZLL | 19.251,24 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Retail 100 Eligible Participant per Annum                                                                                                  | D170VLL | 19.251,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex Development Environment (TRIRIGA) Instance per Month                                                        | D1MFSLL | 19.213,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex for US Federal Development Environment (TRIRIGA) Instance per Month                                         | D1MG1LL | 19.213,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Flex Full Access Development Environment Non Production Add-On Saas Flex - Instance per Month Instance                                               | D1M9HLL | 19.213,93 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rapid Network Automation Process Annual Software Subscription and Support Renewal                                                                               | E0FN3ZX | 19.188,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG/COBOL + Modernization Tools, Java Edition Authorized User tradeup from ADTS Trade Up License + SW Subscription & Support 12 Months | D0ZNJLL | 19.188,04 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Advanced Activity Monitor for Data Warehouses Resource Value Unit (TB) License + SW Subscription & Support 12 Months                          | D1E0PLL | 19.188,04 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud, Non-Production, Gold Level Managed Services paygo per Instance, pay per use (labor based)                                      | D1TVKLL | 19.150,43 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Service Provider Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                 | D0LIQLL | 19.137,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (251-500) SW Subscription & Support Reinstatement 12 Months                                                        | D1N29LL | 19.137,87 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FCI Cartridge for IBM Cloud Pak for Data for Non-Production Environment Reserved Install Extended Support Subscription Lic                                      | X09M4ZX | 19.125,33 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages Financial Controls Management Application Subscription License Upgrade                                                                                | D29KNLL | 19.125,33 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition for Red Hat OpenShift Virtual Processor Core Subscription License                                                    | D28L8LL | 19.125,33 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Enterprise Edition Certified Container Resource Value Unit Extended Support Subscription License                                 | X28LPLL | 19.125,33 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Resource Management Authorized User License + SW Subscription & Support 12 Months                                                  | D1NEZLL | 19.081,44 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for Cognos Analytics for Non-Production Environment per Install SW Subscription & Support Reinstatement 12 Months | D0ETBLL | 19.081,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for TM1 for Non-Production Environment per Install SW Subscription & Support Reinstatement 12 Months              | D0ETDLL | 19.081,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (101-250) SW Subscription & Support Reinstatement 12 Months                                                             | D1IVYLL | 19.081,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Field Services per Concurrent User SW Subscription & Support Reinstatement 12 Months                                                           | D20E1LL | 19.081,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Log Manager Disaster Recovery Software Install SW Subscription & Support Reinstatement 12 Months                                                | D1RSSLL | 19.079,10 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium for Cloud Key Management Resource Value Unit SUBSCRIPTION LICENSE                                                                    | D07PKZX | 19.062,62 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Performance Management Enterprise for Non-Production Environment Install Monthly License                                             | D18XCLL | 19.062,62 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data Reserved 10 Thousand Monthly Active Users SUBSCRIPTION LICENSE                                   | D08DDZX | 19.062,62 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Authorized User License + SW Subscription & Support 12 Months                                                                             | D0LG3LL | 19.031,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SmartCloud Application Performance Management Standard Managed Virtual Server SW Subscription & Support Reinstatement 12 Months                        | D0Q3ULL | 19.031,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS Transaction Gateway Virtual Processor Core Annual SW Subscription & Support Renewal                                                               | E09X9ZX | 18.974,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Composer Add On Authorized User Annual SW Subscription & Support Renewal                           | E078ALL | 18.974,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Web Client Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                | D1TTRLL | 18.974,84 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Tester Extension Floating User Monthly License                                                                                    | D1BGYLL | 18.937,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Tester Extension for Citrix Presentation Server Floating User Monthly License                                                     | D1BGZLL | 18.937,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Tester Extension for Siebel Test Automation Floating User Monthly License                                                         | D1BGXLL | 18.937,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Tester Extension for SOA Floating User Monthly License                                                                            | D1BHZLL | 18.937,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Tester Extension for SOA Floating User Monthly License                                                                            | D1BIOLL | 18.937,21 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect HSM for Windows Terabyte SW Subscription & Support Reinstatement 12 Months                                                             | D1IQBLL | 18.915,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 100 Mbps Install from Aspera Endpoint 45 Mbps Install Trade Up License + SW Subscription & Support 12 Months                           | D04FSZX | 18.858,14 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner for Workgroups Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                                         | D1JQ6LL | 18.858,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Reporting for Non Production Environment Install Annual SW Subscription and Support Renewal                                                                                                                        | EOQI8LL | 18.858,14 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Mgmt Software Supp Collab Add-on Certified Container Resource Value Unit SL UPGRADE                                                                                                                         | D0C0RZX | 18.811,80 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Analyzer Workbench Concurrent User Annual SW Subscription & Support Renewal                                                                                                                         | E08RLLL | 18.793,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Access Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                                                 | D0BITLL | 18.793,53 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Access Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                                              | E081QLL | 18.793,53 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager Enterprise Edition on Cloud Silver Instance Advanced Support per Month                                                                                                                                         | E0G0LZX | 18.778,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Standard Edition for Non-Production Install Monthly License                                                                                                    | D182WLL | 18.736,11 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data DataStage Enterprise Reserved Virtual Processor Core Subscription License                                                                                                                               | D09NEZX | 18.686,39 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Data Privacy Workgroup Edition Accelerator Oracle App Terabyte Monthly License                                                                                                                            | D198ZLL | 18.664,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Modernization Non Production Virtual Processor Core from Prior Non-Production Data Replication Programs for Db2 Database Trade Up License + SW Subscription & Support | D08N7ZX | 18.655,04 | Upgrade com Manutenção    |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Monitored Costs per Annum                                                                                                                                                                              | D0GWRZX | 18.654,36 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Advanced Edition II 10 Eligible Participants per Annum                                                                                                                                 | D1NTILL | 18.654,36 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Advanced Edition II for Retail100 Eligible Participants per Annum                                                                                                                      | D1NTHLL | 18.654,36 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Standard Edition II 10 Eligible Participants per Annum                                                                                                                                 | D1NTKLL | 18.654,36 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Standard Edition II 100 Eligible Participants per Annum                                                                                                                                | D1NTJLL | 18.654,36 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Business 10 Eligible Participants per Annum                                                                                                                                                        | D1NTMLL | 18.654,36 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Retail 100 Eligible Participants per Annum                                                                                                                                                         | D1NTLLL | 18.654,36 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build Apptio Cloudability Basic Onboarding Engagement Remotely Del Svc                                                                                                                                         | D0GW1ZX | 18.654,30 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Starter Edition on Cloud per Instance per Month                                                                                                                                                                  | D1VNFL  | 18.654,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Recovery Time Objective Instance per Month                                                                                                                                                 | D1SPILL | 18.654,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Insights-Enterprise-AddOn-Resource Ten Thousand Shipment Records per Month                                                                                                                             | D00MZZX | 18.654,30 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Business Analytics Enterprise Authorized User Trade Up from Eligible Program License + SW Subscription & Support 12 MO                                                        | D0A22ZX | 18.604,87 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager Unlimited User Option Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                       | D06DGLL | 18.604,87 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Modernization Virtual Processor Core Subscription License                                                                                                | D03MZZX | 18.592,53 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Container Edition with Red Hat OpenShift Virtual Processor Core Subscription License                                                       | D08GTZX | 18.592,53 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM All-In-One Virtual 3190 Failover Install Annual SW Subscription & Support Renewal                                                                        | E0G2DLL | 18.572,57 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Data Store Connection Monthly License                                                                                                                         | D1VRNLL | 18.565,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flows Capacity 25K Flows Per Minute Monthly License                                                                                                           | D1RQILL | 18.565,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise CRTG for IBM Cloud Pak for Data BD Reserved Install Advanced Support Subscription Lic                                                             | Z09NKZX | 18.560,98 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Annual SW Subscription & Support Renewal                                          | E0C1IZX | 18.548,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Gateway Manager Server Install Annual SW Subscription & Support Renewal                                                                                   | E2DD1LL | 18.548,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Eclipse Client Authorized User License + SW Subscription & Support 12 Months                                                                    | D0H5WLL | 18.548,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Floating User Annual SW Subscription & Support Renewal                                                                                               | E02D1LL | 18.548,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Offline Forms Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                         | D0N62LL | 18.548,43 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AlchemyAPI Custom Model for IBM Cloud Instance Pay per Use                                                                                                                    | D1NPILL | 18.542,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Key Lifecycle Manager Container Edition for zCX per Install Monthly License                                                                                 | D293RLL | 18.520,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Inference Virtual Server Subscription License                                                                                                                    | D048YZX | 18.520,75 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data 10 Thousand Monthly Active Users Subscription License                                                                   | D26B2LL | 18.520,75 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition AU Option for Non-Production Environments Authorized User from Db2 Std Edi AU Opt Non-Prod Environ Auth User Trade Up Lic + Subscr and Support 12 Months | D26XILL | 18.492,03 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Contributor Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                            | E0F7DLL | 18.492,03 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                      | D0C3SLL | 18.492,03 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                   | E08CNLL | 18.492,03 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Contributor Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                         | D0CB6LL | 18.492,03 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Contributor Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                         | E08HNLL | 18.492,03 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                        | D0GKQLL | 18.492,03 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                     | E0AP9LL | 18.492,03 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Floating User SW Subscription & Support Reinstatement 12 Months                                                                                                      | D54LULL | 18.492,03 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 28x512.2x3.8tb.ssd Bare Metal SDS (28 cores, 512 GB Memory, 2 x Raw 3.8TB SSD, 10Gbps Bonded Network) per Instance Pay per Use                                          | D20AZLL | 18.491,81 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Warehouse Cartridge for IBM Cloud Pak for Data Virtual Processor Core Annual Software Subscription and Support Renewal                                                                       | E0AFKZX | 18.441,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data - Enterprise Edition Transition Non Production for Virtual Processor Core from Prior Virtual Processor Core Trade Up License + Software & Subscription 12 Months              | D0680ZX | 18.427,42 | Upgrade com Manutenção    |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Subscription - Power Authorized User per Annum                                                                                                                                          | D0GYDZX | 18.396,00 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Subscription - Storage Authorized User per Annum                                                                                                                                        | D0GYEZX | 18.396,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Modernization Authorized User from Cognos Planning or TM1 without Workspace Modernization Authorized User Trade Up Lic + Subscription and Support 12 Months          | D03LFZX | 18.370,00 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Modernization Authorized User from IBM Planning Analytics Advanced Authorized User Trade Up Lic + Subscription and Support 12 Months                                 | D03LGZX | 18.370,00 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Modernization Authorized User from Performance Management Advanced with Workspace Modernization Authorized User Trade Up Lic + Subscription and Support 12 Months    | D03LHZX | 18.370,00 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Modernization Authorized User from Performance Management Advanced without Workspace Modernization Authorized User Trade Up Lic + Subscription and Support 12 Months | D03LIZX | 18.370,00 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Modernization Authorized User from Planning Analytics Local or TM1 with Workspace Modernization Authorized User Trade Up Lic + Subscription and Support 12 Months    | D03LEZX | 18.370,00 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR MSSP Add-On per User Value Unit (Authorized User) Annual SW Subscription & Support Renewal                                                                                  | E0Q1BLL | 18.366,30 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Case Manager Non-Production Environment Platinum 2.0 Instance Advanced Support per Month                                                                                                             | E0DVVZX | 18.343,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Foundation Non-Production Environment Platinum 2.0 Instance Advanced Support per Month                                                                                                   | E0FXMZX | 18.343,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Development Non-Production Env Platinum 2.0 Instance Advanced Support per Month                                                                                         | E0FYPZX | 18.343,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Dedicated Data and Session Cache 50GB Capacity Instance per Month                                                                                                                          | D1D5ULL | 18.322,09 | Saas                      |

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| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Db2 Reserved Virtual Processor Core Subscription License                                                                                                                                 | D09GKZX | 18.310,15 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Copy Manager for IBM Spectrum Virtualize Storage Device LIC + SW S&S 12 MO                                                                                                                                  | D07LQZX | 18.285,07 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Protect High Speed Data Transfer per Install SW Subscription & Support Reinstatement 12 Months                                                                                                     | D1LBHLL | 18.285,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud 10 Terabytes Annual SW Subscription & Support Renewal 12 Months                                                                                                        | E0NZQLL | 18.285,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud on AWS 10 Terabytes Annual SW Subscription & Support Renewal 12 Months                                                                                                 | E0Q2CLL | 18.285,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud on Azure 10 Terabytes Annual SW S&S Rnwl                                                                                                                               | E08K0ZX | 18.285,07 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex Performance Additional Storage 2400 Gigabytes per Month                                                                                                                         | D1WGWLL | 18.281,21 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Authorized User License + SW Subscription & Support 12 Months                                                                                                                     | D175DLL | 18.228,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Insight Edition Add-On Authorized User Value Unit License + SW Subscription & Support 12 Months                                                                                                     | D1JZULL | 18.228,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Authorized User Annual SW Subscription & Support Renewal                                                                                                          | E0DKRLL | 18.228,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Change Management Solution Enterprise Edition Floating User Annual SW Subscription & Support Renewal                                                                                     | E012ULL | 18.228,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                      | D26Q2LL | 18.228,63 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Business for Japan2 10 Client Devices Advanced Support 12 Months                                                                                                                    | E0DYTXZ | 18.206,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Retail for Japan 100 Client Devices Advanced Support 12 Months                                                                                                                      | E0DYLZX | 18.206,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Industry Solutions Workbench Virtual Processor Core Monthly License                                                                                                                                         | D24UBLL | 18.184,74 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning Manager Authorized User License + SW Subscription & Support 12 Months                                                                                                            | D076XLL | 18.122,03 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM MobileFirst Platform Foundation Consumer 10 Thousand Addressable Devices Annual SW Subscription & Support Renewal 12 Months                                                                                 | E0MHLL  | 18.122,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite Entry - Front End Terabyte (1-100) SW S&S Reinstatement 12 Mo                                                                                                                             | D1I7LL  | 18.122,03 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Advanced Enterprise Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                                       | D052AZX | 18.075,98 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage and QualityStage Designer Concurrent User from InfoSphere DataStage and QualityStage Designer Workgroup Edition Concurrent User Trade Up License + SW Subscription & Support 12 Months | D0ITLL  | 18.061,31 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG/COBOL + Modernization Tools, Java Edition Authorized User tradeup from RPG and COBOL Tools Authorized User Trade Up License + SW Subscription & Support 12 Months              | D0ZNHLL | 18.061,31 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Virtualization Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                  | D0PTZLL  | 18.061,31 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Quick Start Implementation Package per Engagement 3rd Party Setup                                                                                                             | D1JY5LL  | 18.032,49 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Pack for SAS for Non-Production Environments per Install Annual SW Subscription & Support Renewal                                                        | E08RTL   | 18.003,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Non-Production Environment Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                  | D0I99LL  | 18.003,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Web Client Authorized User License + SW Subscription & Support 12 Months                                                                        | D1TTHLL  | 18.003,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Advanced Activity Monitor for Big Data Resource Value Unit (MVS) License + SW Subscription & Support 12 Months                                              | D1E04LL  | 18.003,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (101-250) from IBM Spectrum Control Advanced Edition Trade Up License + SW Subscription & Support 12 Months                      | D1N27LL  | 18.003,88 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (501-750) from IBM Spectrum Control Standard Edition Trade Up License + SW Subscription & Support 12 Months                      | D1N2GLL  | 18.003,88 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (501-750) from IBM Spectrum Virtualize Software for SAN Volume Controller Trade Up License + SW Subscription & Support 12 Months | D1N2FLL  | 18.003,88 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Answer Retrieval for Watson Discovery On Prem Install Subscription License                                                                                                    | D06DFZX  | 17.982,35 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DevOps for IBM Cloud Paks Resource Unit License + SW Subscription and Support 12 Months                                                                                       | D28GMLL  | 17.939,28 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Contributor Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                               | D1JQ3LL  | 17.939,28 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Contributor Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                            | E0M3BLL  | 17.939,28 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Administrator Authorized User License + SW Subscription & Support 12 Months                                                                        | D0AVMLL  | 17.939,28 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Standard Edition Authorized User Single Install License + SW Subscription & Support 12 Months                                                          | D0B03LL  | 17.939,28 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Basic Floating User Single Install License + SW Subscription & Support 12 Months                                                              | D02KGZX  | 17.939,28 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Archive Enterprise Edition Additional Node Install Monthly License                                                                                                   | D1JMJLL  | 17.933,92 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Archive Enterprise Edition Base Install Monthly License                                                                                                              | D1JIHLL  | 17.933,92 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Archive Enterprise Edition Multiple Libraries Install Monthly License                                                                                                | D1JMMMLL | 17.933,92 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak System Software Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                           | E0QPQLL  | 17.897,21 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Enterprise Edition Install Monthly License                                                                                                                          | D25V6LL  | 17.871,21 | Saas                      |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Real Estate Environmental Sustainability Impact Manager Install Monthly License                                                                                                  | D18WWLL | 17.871,21 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Developer Edition Authorized User SW Subscription & Support Renewal                                                                                         | E06WULL | 17.858,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                | D0G15LL | 17.858,67 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                             | E0AMKLL | 17.858,67 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech to Text Cartridge for IBM Cloud Pak for Data 500000 Monthly Minutes Extended Support Subscription License                                                                  | X29CPLL | 17.808,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Text to Speech Cartridge for IBM Cloud Pak for Data 2500000000 Monthly Characters Extended Support Subscription License                                                           | X29CXLL | 17.808,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager Enterprise Edition on Cloud NPE Platinum Instance Advanced Support per Month                                                                                                 | E0FZAX  | 17.783,77 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager Basic Edition Install SW Subscription & Support Reinstatement 12 Months                                                                          | D0888LL | 17.759,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Modernization Non Production Virtual Processor Core Trade Up from Prior Non-Production Data Replication Programs Trade Up Lic + Subscr and Support 12 Months | D0C03ZX | 17.752,07 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages as a Service Standard Instance Pay per Use                                                                                                                                     | D0GZZX  | 17.731,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Authorized User Single Install license Initial Fixed Term License + SW Subscription & Support 12 Months                           | D0C3DLL | 17.695,21 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Authorized User Single Install license Subsequent Fixed Term License + SW Subscription & Support 12 Months                        | E08CDLL | 17.695,21 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Standard Edition for Non-Production Environment Install Annual SW Subscription & Support Renewal 12 Months                                                                     | E0QFLLL | 17.695,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG/COBOL + Modernization Tools, Java Edition Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                     | D0ZNSLL | 17.695,21 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG/COBOL + Modernization Tools, Java Edition Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                  | E0HMXLL | 17.695,21 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (751-1250) License + SW Subscription & Support 12 Months                                                                                                  | D1IW3LL | 17.695,21 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Inventory Visibility Million API Calls Advanced Support per Annum                                                                                              | E0E51ZX | 17.684,28 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Build Forge Adaptor Toolkit Enterprise Edition Server Monthly License                                                                                                           | D1BHGLL | 17.659,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor B2Bi and SFG Enterprise Non-Production for Redhat Openshift Certified Container Virtual Processor Core Trade Up License                                           | D09YUZX | 17.645,47 | Upgrade com Manutenção    |



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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Essentials Edition Connection SW Subscription & Support Reinstatement 12 Months                                 | D22I4LL | 17.637,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (1-100) Trade Up from IBM Storage Protect Suite - Entry License + SW Subscription & Support 12 Months | D1IVWLL | 17.637,77 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM Information Server Modernization Non Production Reserved Virtual Processor Core Subscription License                                 | D09NPZX | 17.620,39 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Endpoint 5 Gbps Install Monthly License                                                                                       | D04GRZX | 17.587,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Modernization Non Production Virtual Processor Core Subscription License                                          | D036MZX | 17.587,53 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 500 Mbps Install Annual SW Subscription & Support Renewal                                                            | E04GVZX | 17.573,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Authorized User Annual SW Subscription & Support Renewal                       | E078HLL | 17.573,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Authorized User Annual SW Subscription & Support Renewal          | E078LLL | 17.573,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Service Tester for SOA Quality Floating User Annual SW Subscription & Support Renewal                                       | E03MNLL | 17.573,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Resource Value Unit License + SW Subscription & Support 12 Months                                    | D0J36LL | 17.573,17 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Performance Tester for z/OS VU Value Unit SW S&S REINSTATE 12 MO                                                                         | D556VLL | 17.573,17 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Viewer for US Federal 500 Authorized Users Advanced Support per Annum                                                 | E0G8ZZX | 17.535,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management User Authorized User License + SW Subscription & Support 12 Months                                     | D076ALL | 17.515,74 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Case Management Authorized User License + SW Subscription & Support 12 Months                                    | D1NDFLL | 17.482,43 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integrated Analytics Enterprise Security Appliance Instance per Month                                                          | D1Q38LL | 17.472,86 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Signature Validation Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                | D1JZQLL | 17.451,14 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Express Server Edition Limited Use Virtual Server License + SW Subscription & Support 12 Months      | D1CCGLL | 17.451,14 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage and QualityStage Designer Concurrent User SW Subscription & Support Reinstatement 12 Months                     | D03SHLL | 17.451,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Compliance Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                   | D1B4JLL | 17.451,14 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Virtual Dev and Test for z/OS Resource Value Unit Monthly License                                                                    | D0BCMZX | 17.432,27 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Assess MaaS360 Engagement Set Up                                                                                         | D1RTALL | 17.410,68 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Hybrid Data Management Platform CEO User License + Software Subscription and Support 12 Months                                       | D270WLL | 17.375,83 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Authorized User SW Subscription & Support Reinstatement 12 Months                                        | D6106LL | 17.375,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Extension for VSE Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months       | D07A6LL | 17.375,83 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Extension for VSE Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                       | E066ALL | 17.375,83 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Lifecycle Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                       | D29GBLL | 17.375,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Standard Edition Simultaneous Session SW Subscription & Support Reinstatement 12 Months                                                        | D0J2TLL | 17.375,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure Proxy Non Production Certified Container for Redhat Openshift Virtual Processor Core Trade Up License                                                   | D09YQZX | 17.375,83 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Velocity for Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                                 | D28BNLL | 17.375,83 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                   | D035GZX | 17.369,56 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM DataStage Enterprise Cartridge IBM Cloud Pak for Data Reserved Virtual Processor Core SUBSCRIPTION LICENSE                                                              | D2A0KLL | 17.369,56 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Data Privacy for Unstructured Data Annual Terabyte Monthly License                                                                                     | D2608LL | 17.369,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudant Dedicated Node on IBM IaaS per Instance per Month                                                                                                              | D1AWVLL | 17.369,09 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Outcome Management Authorized User License + SW Subscription & Support 12 Months                                                                                  | D0QQRLL | 17.325,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 Warehouse for IBM Cloud Pak for Data Virtual Processor Core License + SW Subscription & Support 12Months | D08MIZX | 17.325,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Floating User Single Install Annual SW Subscription & Support Renewal                                                  | E06JKLL | 17.325,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Resource Adapter View Edition Server SW Subscription & Support Reinstatement 12 Months                                                           | D04CALL | 17.325,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Architect Floating User Annual SW Subscription & Support Renewal                                                                                        | E02BSLL | 17.325,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Architect zSeries Floating User Annual SW Subscription & Support Renewal                                                                                | E02YNLL | 17.325,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Authorized User from Maximo Asset Management Authorized User Trade Up License + SW Subscription & Support 12 Months                            | D0GZ1LL | 17.325,67 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Authorized User from Maximo Asset Management Authorized User Trade Up License + SW Subscription & Support 12 Months                              | D0GZELL | 17.325,67 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Authorized User from Maximo Asset Management Authorized User Trade Up License + SW Subscription & Support 12 Months                           | D0GZQLL | 17.325,67 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Authorized User from Maximo Asset Management Authorized User Trade Up License + SW Subscription & Support 12 Months                                | D0H02LL | 17.325,67 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Health,Safety and Environment Manager Authorized User License + SW Subscription & Support 12 Months                                                              | D0L7TLL | 17.325,67 | Permanente com Manutenção |

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| Real | 1  |                                                | PPA  | 7831 | IBM Automatic Data Lineage Resource Unit Advanced Support Subscription License                                                                            | Z08XFZX | 17.306,86 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Targets for z/OS Sources for Non-Production Environments Per Install Monthly License                                                 | D1RCKLL | 17.300,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Automatic Test Generation Add On Authorized User Monthly License                                                  | D1BQSLL | 17.300,39 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Professional Authorized User Annual SW Subscription & Support Renewal                                                                 | E09NZLL | 17.271,67 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Secure File Transfer-Container Edition for Non-Production Environment Virtual Processor Core Subscription License                                     | D28YXLL | 17.228,60 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault On-Premises for Business Users per User Value Unit (Pack of 50 Users) License + SW Subscription & Support 12 Months   | D21ZULL | 17.228,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault On-Premises for Privileged Users per User Value Unit License + SW Subscription & Support 12 Months                    | D21ZQLL | 17.228,60 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway AddOn for B2Bi Enterprise Edition for Red Hat OpenShift Virtual Processor Core Monthly License                                  | D26R4LL | 17.228,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Secure File Transfer Container Edition with RH OpenShift for Non Prod Virtual Processor Core SUBSCRIPTION LICENSE                            | D06ADZX | 17.228,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson OpenScale Server Additional Models Item Pay per Use                                                                                            | D00U9ZX | 17.225,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for IBM Spectrum LSF Community Edition Install Unlimited Contacts SW Support 12 MO                                                      | D1P2TLL | 17.219,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Entry-level Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                      | D0T5ALL | 17.207,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition AU Option for Non-Production Environments Authorized User License + SW Subscription & Support 12 Months                          | D233PLL | 17.207,07 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Floating User SW Subscription & Support Renewal                                                      | E075NLL | 17.207,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Add-on for FIPS Install Annual SW Subscription & Support Renewal                                                              | E0BYELL | 17.207,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on for FIPS Install Annual SW Subscription & Support Renewal                                                                | E0BYCLL | 17.207,07 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 50K Flows Per Minute Monthly License                                                             | D1RRJLL | 17.082,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Web Services/IDM Toolkit Client Device Annual SW Subscription & Support Renewal                                                | E050MLL | 17.056,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Workgroup Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal                       | E03V7ZX | 17.056,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity 100 Events per Second Annual SW Subscription & Support Renewal 12 Months                                               | E0NBCLL | 17.038,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity 100 Events Per second Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months | D1S1QLL | 17.038,93 | Upgrade com Manutenção    |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                     | E0AXQLL | 17.005,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Standard Edition for Non-Production Environment Connection License + SW Subscription & Support 12 Months                                    | D22IFLL | 17.005,87 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 1K Events Per Second Monthly License                                                                        | D1RPULL | 16.983,47 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Announcements for Salesforce Install Annual SW Subscription & Support Renewal                                                                                    | E0EZ8ZX | 16.949,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maps for Salesforce Install Annual SW Subscription & Support Renewal                                                                                             | E0F01ZX | 16.949,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Archive Library Edition Entry Libraries TS2900 TS4300 Install SW Subscription & Support Reinstatement 12 Months                                         | D0BU3ZX | 16.949,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (251-500) SW Subscription & Support Reinstatement 12 Months                                                                       | D1IW0LL | 16.949,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Video for Salesforce Install Annual SW Subscription & Support Renewal                                                                                            | E0F0UZX | 16.949,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Assistant for Salesforce Install Annual SW Subscription & Support Renewal                                                                                 | E0F12ZX | 16.949,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Data Verification/Smartkey/Original Entry/Check Processing Module Concurrent User SW Subscription & Support Reinstatement 12 Months | D610KLL | 16.899,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Enterprise Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                               | D1K26LL | 16.899,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Workstation APL2 User License + SW Subscription & Support 12 Months                                                                                              | D50Z7LL | 16.899,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Inventory Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                          | D29MVLL | 16.899,27 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Db2 Advanced Edition Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Subscription License                                                   | D09GMZX | 16.867,91 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                            | D03FWZX | 17.871,21 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Configure Price Quote for eCommerce Certified Container Resource Value Unit SL UPGRADE                                                                  | D0C0FZX | 16.867,91 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Application Builder Authorized User Monthly License                                                                                                      | D18XMLL | 16.867,91 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Recovery Expert Virtual Processor Core Annual SW Subscription & Support Renewal                                                                              | E07YDZX | 16.840,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Publishing Authorized User SW Subscription & Support Reinstatement 12 Months                                                  | D09GDLL | 16.840,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Conductor Per Socket SW Subscription & Support Reinstatement 12 Months                                                                                  | D1NFDLL | 16.840,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Observability by Databand Self-Hosted Resource Unit LIC + SW S&S 12 MO                                                                                      | D0BV0ZX | 16.807,52 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Console Virtual 3190 Failover Install Annual SW Subscription & Support Renewal                                                              | E0G2FLL | 16.804,70 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Explorer Modernization Virtual Processor Core Subscription License                                                                                        | D28SHLL | 16.797,88 | Assinatura                |

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| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Viewer 100 Authorized User per Annum                                                                                                  | D1SSGLL | 16.788,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 300 Mbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                       | D04GBZX | 16.783,52 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Standard Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal                            | E03GBZX | 16.718,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months  | E0AGVLL | 16.718,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer per Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months | D0G5WLL | 16.718,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Authorized User License + SW Subscription & Support 12 Months                                                                    | D53NSLL | 16.718,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Floating User Single Install License + SW Subscription & Support 12 Months                                      | D0PW1LL | 16.718,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Switches Client Device Annual SW Subscription & Support Renewal                                          | E0CQPLL | 16.718,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (1-100) License + SW Subscription & Support 12 Months                                                         | D1N1JLL | 16.718,92 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium for Teradata Encryption Resource Value Unit Subscription License                                                                   | D0CZSZX | 16.679,80 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM ECM System Monitor Virtual Processor Core from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                              | D28WYLL | 16.661,49 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations for Transportation Developer User Authorized User Monthly License                                                             | D18E1LL | 16.654,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AI Decision Coordination - Studio Ten Authorized Users Monthly License                                                                               | D0A3SZX | 16.617,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Inspection Suite Fast Start Engagement Remotely Delivered SW Services                                                                                | D0865ZX | 16.617,09 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Server Clustered 45Mbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months            | D1Y93LL | 16.596,89 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Availability Db2 Warehouse Virtual Processor Core License + SW Subscription & Support 12 Months                                 | D21UMLL | 16.596,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Add-On Authorized User Value Unit License + SW Subscription & Support 12 Months                                 | D04JALL | 16.596,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Authorized User Value Unit License + SW Subscription & Support 12 Months                                                      | D04I3LL | 16.596,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Reserved Subscription & Support Reinstatement 12 Months                                  | D0CLUZX | 16.579,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units SW Subscription & Support Reinstatement 12 Months                                        | D0A2KZX | 16.579,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software 100 Resource Unit Reserved Subscription & Support Reinstatement 12 Months                                             | D0CNMZX | 16.579,47 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software 100 Resource Unit Subscription & Support Reinstate 12 Months                                                                 | D0AE8ZX | 16.579,47 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 28x256 Bare Metal Large GPU (28 cores, 256GB Memory, 1.7TB SSD, 10Gbps Bonded Network, 2GPU Cards) per Instance Pay per Use        | D1WFZLL | 16.566,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud mg1c.28x256 Bare Metal Large GPU (28 cores, 256GB Memory, 1.7TB SSD, 10Gbps Bonded Network, 2GPU Cards) per Instance Pay per Use | D01SJZX | 16.566,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Premium Instance per Instance per Month                                                                                                  | D11C6LL | 16.540,15 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Security (Gen 3) 100 Resource Unit SW Subscription & Support Reinstatement                                                                    | D05M6ZX | 16.539,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months             | D2730LL | 16.539,45 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months          | E0QSMLL | 16.539,45 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere Add-on Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                    | D1QBHLL | 16.539,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM i Modernization Engine for Lifecycle Integration Virtual Processor Core SW S&S Reinstate 12 Mo                                                              | D0921ZX | 16.523,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Advanced Enterprise Virtual Processor Core LIC + SW S&S 12 MO                                                                                | D09PUZX | 16.523,03 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Connect Non-Production with SLA Instance per Month                                                                                          | D22PGLL | 16.477,97 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Streaming 10Mbps Install from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                              | D1YANLL | 16.474,85 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Analytic Server Virtual Server Annual SW Subscription & Support Renewal                                                                                | E0NQJLL | 16.474,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (2001+) LIC + SW S&S 12 MO                                                                                           | D1IPQLL | 16.474,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (2001+) LIC + SW S&S 12 MO                                                                                           | D1IQ4LL | 16.474,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (751-1250) SW S&S Reinstate 12 Mo                                                                                    | D1INSL  | 16.474,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (751-1250) SW S&S Reinstate 12 Mo                                                                                    | D1IQ1LL | 16.474,85 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Digital Payments per Virtual Server Advanced Support Subscription License                                                 | Z276RLL | 16.428,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Subscription License                                          | D0350ZX | 16.428,97 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody TestConductor Add On Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                   | D097XLL | 16.416,43 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody TestConductor Add On Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                | E06YVLL | 16.416,43 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Informix Dynamic Server Express Edition CPU Option Limited Use Virtual Server from Informix Dynamic Server Express Edition 200 PVU Trade Up License + SW Subscription & Support 12 Months | D0A2WLL | 16.416,43 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Non Production for Red Hat OpenShift Virtual Processor Core Trade Up                                                | D09YJZX | 16.416,43 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Supply Chain EDI for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                          | E0QP9LL | 16.416,43 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data for Planning Analytics Advanced Reserved Virtual Processor Core Extended Support Subscription License                                                                  | X09P6ZX | 16.366,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Advanced Modernization Reserved Authorized User Extended Support Subscription License                                                                                  | X09K0ZX | 16.366,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Test Pack Virtual Testers 250 Floating Users Monthly License                                                                                                         | D1BF8LL | 16.366,27 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                | D0ELKLL | 16.352,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Categories Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                         | D0ELCLL | 16.352,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Complex Samples Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                    | D0EL8LL | 16.352,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Conjoint Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                           | D0EL4LL | 16.352,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Custom Tables Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                      | D0ELTLL | 16.352,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Decision Trees Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                     | D0EMJLL | 16.352,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                   | D0EMFLL | 16.352,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Exact Tests Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                        | D0EMNLL | 16.352,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Forecasting Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                        | D0EM7LL | 16.352,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Missing Values Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                     | D0EM3LL | 16.352,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Neural Networks Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                    | D0ELZLL | 16.352,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Regression Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                         | D0ELOLL | 16.352,82 | Manutenção após Vigência  |
| Real | 36 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Token 36 Months Initial Fixed Term License + SW Subscription & Support                                                         | D26HMLL | 16.309,83 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                         | D09AWLL | 16.309,83 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                | E071ULL | 16.309,83 | Temporária com Manutenção |
| Real | 36 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Token Initial Fixed Term License + Software Subscription and Support 36 Months                                                | D08RPZX | 16.309,83 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Standard Edition for Non-Production Environment Simultaneous Session License + SW Subscription & Support 12 Months                                          | D0J2FLL | 16.309,83 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Big Replicate for Security Install Monthly License                                                                                                                                  | D1YFXLL | 16.295,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Dedicated Node Base Ten Thousand Items Overage                                                                                                       | D1UH6LL | 16.291,42 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Production Server Connection per Connection Annual SW Subscription & Support Renewal                                                                          | E0HRYLL | 16.259,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Advanced User per Authorized User SW Subscription & Support Reinstatement 12 Months                                                                               | D155MLL | 16.259,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Express Edition CPU Option Limited Use Virtual Server Annual SW Subscription & Support Renewal                                                                             | E07C3LL | 16.259,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express User Authorized User License + SW Subscription & Support 12 Months                                                                                       | D1R8FLL | 16.259,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Tivoli Composite Applications for Application Diagnostics Resource Value Unit Annual SW Subscription & Support Renewal                                                       | E0BMGLL | 16.259,67 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (1 to 500TB) subscription per Terabyte 36 months                                                                                                               | D06C9ZX | 16.240,85 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption on SAP HANA Resource Value Unit Subscription License                                                                             | D0CZQZX | 16.240,85 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption on Teradata Resource Value Unit Subscription License                                                                             | D0CZRZX | 16.240,85 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Test Data Management Workgroup Edition Terabyte Monthly License                                                                                                    | D1D30LL | 16.223,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Explorer Install Subscription License                                                                                                                                  | D02ZLZX | 16.223,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Business Authorized User License + SW Subscription & Support 12 Months                                                                                                    | D25U8LL | 16.203,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Authorized User from Competitive Authorized User Trade Up License + SW Subscription & Support 12 Months | D0DYXLL | 16.203,23 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Entry Edition per Terabyte License + SW Subscription & Support 12 Months                                                                                     | D12Y2LL | 16.203,23 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Insight Edition Add-On Platinum Instance Advanced Support per Month                                                                                                         | E0FZPZX | 16.167,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Runbook Automation Private Deployment Instance per Month                                                                                                                            | D1PHWLL | 16.167,06 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar High Availability Install Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months                                                   | D1S1ZLL | 16.154,01 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar High Availability Software Install Annual SW Subscription & Support Renewal 12 Months                                                                                        | E0NCHLL | 16.154,01 | Manutenção após Vigência  |



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| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Business 10 Client Devices per Annum                                                                                                                         | D1WGFL  | 16.117,32 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Retail 100 Client Devices per Annum                                                                                                                          | D1WGBLL | 16.117,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Enterprise Edition 25 Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                   | D58FJLL | 16.096,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Authorized User Single Install license from RequisitePro Authorized User Single Install license Trade Up + SW Subscription & Support 12 Months | D0K1HLL | 16.096,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst for Workgroups Authorized User Single Install License + SW Subscription & Support 12 Months                                                    | D0W8ULL | 16.096,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional for Workgroups Authorized User Single Install License + SW Subscription & Support 12 Months                                                          | D0VJVL  | 16.096,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for Workgroups Authorized User Single Install License + SW Subscription & Support 12 Months                                                                 | D0GHML  | 16.096,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Administrator Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                             | D25V9LL | 16.096,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Secure Proxy for Non-Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription and Support 12 Months                                          | D27P7LL | 16.096,63 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Integration Server Standard Edition for Non-Production Environment Install Monthly License                                                                                                     | D17NKLL | 16.080,02 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Availability - Db2 Database Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                            | E0Q8NLL | 16.046,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Floating User Single Install license Annual SW Subscription & Support Renewal                                                                  | E08BVLL | 16.046,47 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Additional Production Instance per Instance per Month                                                                                                                              | D11C8LL | 16.042,70 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Vulnerability Assessment for Databases Resource Value Unit (MVS) License + SW Subscription & Support 12 Months                                                                      | D1E0JLL | 15.986,71 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (1251-2000) License + SW Subscription & Support 12 Months                                                                                                | D1N2NLL | 15.986,71 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (251-500) from IBM Spectrum Control Advanced Edition Trade Up License + SW Subscription & Support 12 Months                                              | D1N2CLL | 15.986,71 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Bronze 2.0 Instance Advanced Support per Month                                                                                                                               | E0FYLZX | 15.980,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Bronze Instance Advanced Support per Month                                                                                                                                                    | E0DWEZX | 15.980,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - Managed Detection and Response Client Engagement Set up                                                                                                                       | D0BT4ZX | 15.980,52 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn RosettaNet Engagement Remotely Delivered Service - Cloud Services                                                                                                                                              | D086NZX | 15.980,52 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody TestConductor Add On Floating User Single Install Annual SW Subscription & Support Renewal                                                                                                                     | E0798LL | 15.929,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 5 Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                                                                                             | D59SVLL | 15.929,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SmartCloud Application Performance Management NON Production Managed Virtual Server License + SW Subscription & Support 12 Months                                                                                                                  | D0Q51LL | 15.929,27 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Professional Edition Certified Container Resource Value Unit Extended Support Subscription License                                                                                                                  | X28LXLL | 15.927,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage as a Service Instance Pay per Use                                                                                                                                                                                                        | D05W9ZX | 15.908,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted Standard Large Paygo Instance Pay Per Use                                                                                                                                                                                               | D1PW2LL | 15.908,03 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Player Add On Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                    | D09BPLL | 15.864,67 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Player Add On Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                 | E072MLL | 15.864,67 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Workgroup Edition CPU Option Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                                                                    | E0PTPLL | 15.864,67 | Manutenção após Vigência  |
| Real | 36 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Basic Token Initial Fixed Term License + SW Subscription & Support 36 Months                                                                                                                                       | D08AUZX | 15.864,67 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Robotic Process Automation Environment Virtual Server Annual SW Subscription & Support Renewal 12 Months                                                                                                                                           | E0R89LL | 15.864,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for SAP Applications for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                                                                                   | E0QPDLL | 15.864,67 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Add On-NAESB Trading Partner Relationship Configuration Engagement Remotely Delivered Service - Cloud Services                                                                                                       | D086RZX | 15.856,16 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Large for Red Hat OpenShift per Resource Value Unit Trade Up License from IBM Sterling Order Management Store Edition Large per Resource Value Unit License + SW Subscription & Support 12 Months | D0BQAZX | 15.833,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite Entry Terabyte (1-100) LIC + SW S&S 12 MO                                                                                                                                                                                        | D1INFLL | 15.807,24 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Premium Concurrent User Monthly License                                                                                                                                                                                            | D17QZLL | 15.792,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos PowerPlay Administrator Authorized User Annual SW Subscription & Support Renewal                                                                                                                                                            | E06UGLL | 15.742,64 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Motio ReportCard Virtual Processor Core Monthly License                                                                                                                                                                                                | D08YAZX | 15.721,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM X-Force Exchange Commercial API Overage per Ten Thousand Items                                                                                                                                                                                     | D1NIJLL | 15.660,66 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 10K Flows Per Minute Annual SW Subscription & Support Renewal 12 Months                                                                                                                       | E0NC7LL | 15.622,81 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 10K Flows Per Minute Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months | D1S28LL | 15.622,81 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Flows Capacity for Non-Production 10K Flows Per Minute Annual SW Subscription & Support Renewal 12 Months                                                  | E0PLQLL | 15.622,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One 21XX Failover Install SW Subscription & Support Reinstatement 12 Months                                                             | D0WQBLL | 15.622,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Authorized User Single Install License + SW Subscriptn and Support 12 Months                                             | D272TLL | 15.620,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced per Authorized User from Cognos Planning or TM1 without Workspace Add-On Trade Up License + SW Subscription & Support 12 Months                | D1UXJLL | 15.620,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced per Authorized User from Planning Analytics Local or TM1 with Workspace Add-On Trade Up License + SW Subscription & Support 12 Months          | D1UXILL | 15.620,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                   | D1UXMLL | 15.620,06 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for Data Warehouses Resource Value Unit Monthly License                                                                                  | D1NBWLL | 15.613,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Collaboration and Deployment Services - Real Time Scoring Resource Value Unit Monthly License                                                                         | D17YMLL | 15.613,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Development Non-Production Env Gold 2.0 Instance Advanced Support per Month                                                                       | E0FYNZX | 15.607,43 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Developer Edition Authorized User License + SW Subscription & Support 12 Months                                                                          | D19TCLL | 15.563,17 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise 45 Mbps Install Monthly License                                                                                                                          | D04EGZX | 15.551,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics as a Service Standard Instance per Month                                                                                                                | D0DDNZX | 15.545,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Temporary Upgrade 1K Events Per Second per Month                                                                                                           | D0A8LZX | 15.545,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-API iPaaS Trading Partner Simple Connection Set Up                                                                                           | D08P3ZX | 15.545,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Turbonomic - Saas Engagement Remotely Delivered Service                                                                                                   | D08YWZX | 15.530,36 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Netcool Operations Insight Connection Connection Monthly License                                                                                                    | D18Z7LL | 15.488,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for MongoDB Small Instance Pay per Use                                                                                                           | D01G8ZX | 15.487,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Standard Edition VPC Option Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                  | E0Q5WLL | 15.457,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Limited Use Authorized User from Maximo Asset Management Express Use Authorized User Trade Up Licence + SW Subscription & Support 12 Months        | D0T0SLL | 15.457,03 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Software Suite per Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                      | D1K7YLL | 15.457,03 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise 10 GBPS for Cloud Pak Integration Install Extended Support Subscription License                                                                          | X0537ZX | 15.425,68 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Connector for eMail and Electronic Documents Connection Monthly License                                                               | D1FZSLL | 15.425,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator AddOn for File Gateway Enterprise Edition for Red Hat OpenShift Virtual Processor Core Monthly License                | D26QLLL | 15.425,68 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Configurator for eCommerce Certified Container Resource Value Unit SL UPGRADE                                                        | D0C0DZX | 15.425,68 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Option for IDS Workgroup Edition Limited Use Socket Annual SW Subscription & Support Renewal                             | E085QLL | 15.406,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase MultiSite Floating User License + SW Subscription & Support 12 Months                                                      | D531KLL | 15.406,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Authorized User License + SW Subscription & Support 12 Months                                                     | D54LRLL | 15.406,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Starter Edition Store License + SW Subscription & Support 12 Months                                             | D0VKBL  | 15.406,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Starter Edition with Informix Database Store License + SW Subscription & Support 12 Months                      | D0VLFLL | 15.406,86 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Test Virtualization Server Concurrent Virtual Services 25 Item Monthly License                                                       | D20V4LL | 15.362,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar SOAR Team Management Add-On per User Value Unit (Concurrent User) Monthly License                                             | D22R6LL | 15.355,86 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM eDiscovery Manager Operator Authorized User Value Unit Annual SW Subscription & Support Renewal                                               | E0J1SLL | 15.350,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Modeling for Communications Applications for Ratl Professional Bundle Floating User License + SW Subscription & Support 12 Months    | D0BBSLL | 15.350,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database Store SW Subscription & Support Reinstatement 12 Months                 | D0VK8LL | 15.350,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Store SW Subscription & Support Reinstatement 12 Months                                                | D0VK4LL | 15.350,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Workgroup Edition - Archive File Access Terabyte SW S&S REINSTATE 12 MO                                              | D0776ZX | 15.300,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks Standard Edition Virtual Processor Core License + SW Subscriptn and Support 12 Months                        | D27FELL | 15.300,26 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage on Cloud, Medium DevTest, Gold Level Managed Services per Instance per Month Subscription labor based                               | D1QH1LL | 15.296,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CICS TX Advanced Virtual Processor Core Monthly License                                                                                       | D05JSZX | 15.290,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Authorized User Single Install SW Subscription & Support Renewal                        | E08R8ZX | 15.243,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Eclipse Client Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D0H6GLL | 15.243,83 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Eclipse Client Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0AYQLL | 15.243,83 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Robotic Process Automation Attended Bot Agent Concurrent Connection SW Subscription & Support Reinstatement 12 Months                                                                          | D29BDLL | 15.243,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize Software for SVC Encryption Storage Device License + SW Subscription and Support 12 Months                                                                                 | D1JW7LL | 15.243,83 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Copy Data Management 10 Managed Terabyte Annual SW Subscription & Support Renewal                                                                                                      | E0NS3LL | 15.243,83 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Advanced Enterprise Edition CPU Option Virtual Processor Core Monthly License                                                                                                         | D229JLL | 15.218,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Dedicated for third party provider Instance Pay per Use                                                                                                                 | D08AMZX | 15.198,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Medium-Small Instance Pay Per Use                                                                                                                                             | D20C7LL | 15.198,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 100Mbps from Aspera High-Speed Transfer Endpoint 45Mbps Resource Value Unit Trade Up License + SW Subscription & Support 12 Months                         | D1VYFLL | 15.193,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Add-On Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                   | D0L3CLL | 15.193,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Add-On to Production Imaging Edition Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                     | D0L3MLL | 15.193,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner for Workgroups Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                           | E0F7ALL | 15.193,66 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Player Add On Authorized User License + SW Subscription & Support 12 Months                                                                | D09MLLL | 15.193,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Option Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                 | E0QIBLL | 15.193,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Option Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                      | E0QICLL | 15.193,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management for Managed Service Providers Concurrent User Trade Up from 3 Max Asset Management for Managed Service Providers Authorized User + SW Subscription & Support 12 Months | D1R66LL | 15.193,66 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM CPD NP Env Reserved 50 Concurrent Connections Extended Support Subscription Lic                                                       | X09N5ZX | 15.174,85 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition Non-Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription & Support 12 Months                                              | D26Q4LL | 15.132,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Version Control Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                                 | E0RBILL | 15.132,45 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Key Lifecycle Manager for Usable Petabyte Storage Resource Value Unit Monthly License                                                                                        | D20LCLL | 15.075,02 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Perform Apptio Cloudability Guided Services Engagement per Month                                                                                                                   | D0GW7ZX | 15.047,80 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud, Non-Production, Silver Level Managed Services paygo per Instance, pay per use (labor based)                                                                   | D1TVJLL | 15.046,76 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Integration Bus Retail Pack for Enterprise per Install Annual SW Subscription & Support Renewal                                                                                | E0IC8LL | 15.030,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Application Suite Reserved per AppPoint License + Software Subscription & Support 12 Months                                                                             | D0CU3ZX | 15.030,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Scheduler Plus per Resource Value Unit Annual SW Subscription & Support Renewal                                                                        | E0N29LL | 15.030,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Express Edition Install Annual SW Subscription & Support Renewal                                                                                         | E0KLXLL | 15.010,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Express Edition Install Annual SW Subscription & Support Renewal                                                                                     | E0KLVLL | 15.010,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Employee User Value Unit License + SW Subscription & Support 12 Months                                                                                                 | D0H4RLL | 15.010,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Floating User Single Install Annual SW Subscription & Support Renewal                                   | E0APPLL | 15.010,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Application Suite per AppPoint License + SW Subscription & Support 12 Months                                                                                            | D28AYLL | 15.010,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM MobileFirst Platform Foundation Enterprise 200 Addressable Devices Annual SW Subscription & Support Renewal 12 Months                                                          | E0MHFLL | 15.010,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (101-250) License + SW Subscription & Support 12 Months                                                                                 | D1N1LLL | 15.010,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Personal Authorized User Annual SW Subscription & Support Renewal 12 Months                                                                                       | E0LOGLL | 15.010,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Capital Projects Hub Per Concurrent User License + SW Subscription & Support 12 Months                                                                                 | D28ZILL | 15.010,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (751-1250) from IBM Spectrum Control Standard Edition Trade Up License + SW Subscription & Support 12 Months                      | D1N2LLL | 15.010,41 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (751-1250) from IBM Spectrum Virtualize Software for SAN Volume Controller Trade Up License + SW Subscription & Support 12 Months | D1N2KLL | 15.010,41 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar QFlow Collector Software 12XX Install Monthly License                                                                                                          | D1D38LL | 14.997,10 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere per Authorized User License + SW Subscription & Support 12 Months                                                                                              | D10R9LL | 14.952,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Aviation Limited Use Authorized User SW Subscription & Support Reinstatement 12 Months                                                                              | D1GSVLL | 14.952,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Limited Use Authorized User SW Subscription & Support Reinstatement 12 Months                                                                         | D0S8QLL | 14.952,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Limited Use Authorized User SW Subscription & Support Reinstatement 12 Months                                                                           | D0S90LL | 14.952,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Limited Use Authorized User SW Subscription & Support Reinstatement 12 Months                                                                        | D0S96LL | 14.952,99 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Limited Use Authorized User SW Subscription & Support Reinstatement 12 Months                                                                   | D0S9CLL | 14.952,99 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Development Edition Instance Advanced Support 12 Months                                                                               | E0E33ZX | 14.861,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Virtual Storage Center Virtual Processor Core Monthly License                                                               | D08UFZX | 14.859,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify for Marketplaces Employees Hundred Employees Advanced Support 12 Months                                                                              | E0ECKZX | 14.848,80 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Process Mining Events add-on 10 Million Events Advanced Support per Annum                                                                                                | E0E72ZX | 14.848,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Virtual SIEM Event Capacity Increase of 100 EPS Install Annual SW Subscription & Support Renewal                                                     | E0G38LL | 14.826,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Virtual SIEM Flow Capacity Increase from 15K to 25K FPM Install Annual SW Subscription & Support Renewal                                             | E0G3CLL | 14.826,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Aviation Authorized User Annual SW Subscription & Support Renewal                                                                                         | E0LL2LL | 14.817,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Web Client Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                               | D1TTULL | 14.817,43 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Web Client Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                            | E0NR4LL | 14.817,43 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Files Resource Value Unit (MVS) Annual SW Subscription & Support Renewal 12 Months                                             | E0MQRLL | 14.817,43 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Labor-Rosetta Net Trade Partner Relationship Configuration-PIP Remotely Delivered Service                                        | D004WZX | 14.799,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-RosettaNet TP Relationship Configuration- Engagement Remotely Delivered Service - Cloud Services                                 | D0875ZX | 14.799,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Enterprise Edition Add-On Authorized User Value Unit License + SW Subscription & Support 12 Months                                                           | D0T5ELL | 14.766,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner for Workgroups Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D1JQ9LL | 14.766,34 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner for Workgroups Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0M3FLL | 14.766,34 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Essentials Edition for Non-Production Environment Connection License + SW Subscription & Support 12 Months                                      | D22ICLL | 14.766,34 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Add MDM Virtual Runtime Non-Prod paygo Per Instance pay per use with Support                                                         | D1TVILL | 14.742,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere FastTrack Workgroup Edition 10 Authorized Users Monthly License                                                                                           | D19I4LL | 14.735,91 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor for Mainframe Sessions per Simultaneous Session Annual Software Service & Support Renewal                                                     | E0F4ZLL | 14.708,92 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local User per Authorized User from Planning Analytics Local Explorer per Authorized User Trade Up License + SW Subscription & Support 12 Months | D1RLELL | 14.708,92 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | Open XL Fortran for Linux on Power Concurrent User SW Subscription & Support Renewal                                                                                    | E04UALL | 14.708,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments Non-Production for Red Hat OpenShift Virtual Processor Core Trade Up                                   | D09YEZX | 14.660,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Healthcare Non-Production for Red Hat OpenShift Virtual Processor Core Trade Up                                           | D09Y6ZX | 14.660,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Copy Services Manager Resource Value Units SW Subscription & Support Reinstatement 12 Months                                                                        | D1M9TLL | 14.644,30 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Industry Solutions Workbench Virtual Processor Core Subscription License                                                                                            | D27CPLL | 14.610,50 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Cursive Recognition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                | D1JZJLL | 14.554,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 OEM High Capacity Add-on Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                              | E0MMJLL | 14.554,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Application Platform Concurrent User Annual SW Subscription & Support Renewal                                                                               | E0D98LL | 14.554,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Portfolio Data Manager Concurrent User Annual SW Subscription & Support Renewal                                                                             | E0D9JLL | 14.554,06 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Non Production Additional Client Per Instance Monthly Subscription with Support                                                     | D1X3JLL | 14.547,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Dedicated Enterprise Secure Gateway 1000 Simultaneous Active Connections Additional Capacity Instance per Month                                               | D1JWSLL | 14.504,99 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Message Hub Dedicated Incremental for IBM Cloud Instance per Month                                                                                                  | D1LRALL | 14.504,99 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 100Mbps Resource Value Unit from Point-to-Point Client 45 Mbps Install Trade Up License + SW Subscription & Support 12 Months   | D1YDMLL | 14.497,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Authorized User from VisualAge Generator or Informix 4GL Trade Up License + SW Subscription & Support 12 Months                         | D6114LL | 14.497,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Standard Edition Non-Production Environment Simultaneous Session License + SW Subscription & Support 12 Months                             | D0J2JLL | 14.497,63 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Key Lifecycle Manager for VMware vCenter Server Managed Virtual Server for zEnterprise BladeCenter Extension Monthly License                      | D1VN2LL | 14.485,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Key Lifecycle Manager for VMware vCenter Server Managed Virtual Server Monthly License                                                            | D1VN3LL | 14.485,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Financial Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License                                      | D26R1LL | 14.485,09 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Mgmt Software Del & Svc Sched Add-on Certified Container Resource Value Unit SL UPGRADE                                                              | D0C0KZX | 14.485,09 | Upgrade                   |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech Services Cartridge for IBM CPD for Non-Production Environment 32 Virtual Processor Cores Extended Support Subscription License | X26A4LL | 14.485,09 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Floating User Annual SW Subscription & Support Renewal                           | E0753LL | 14.391,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Resource Adapter View Edition Non-Prod Server License + SW Subscription & Support 12 Months                           | D04CRLL | 14.391,03 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Mid-Range Image Import Non-Prod Server Annual SW Subscription & Support Renewal                                                      | E0528LL | 14.391,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software Floating User Single Install Annual SW Subscription & Support Renewal                  | E01MKLL | 14.391,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software for zSeller Floating User Single Install Annual SW Subscription & Support Renewal      | E035MLL | 14.391,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                   | D08HWLL | 14.391,03 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                | E080TLL | 14.391,03 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (501-750) SW Subscription & Support Reinstatement 12 Months                                     | D1N2ELL | 14.391,03 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Exp Labs - IBM SevOne NPM One Day Consulting - Non-Saas Engagement Remotely Delivered Service                                                | D08YIZX | 14.387,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Exp Labs - IBM SevOne NPM One Day Consulting - Saas Engagement Remotely Delivered Service                                                    | D08YMZX | 14.387,10 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak for Network Auto One Day Consulting - Saas Engagement Remotely Delivered Service                                     | D06XYZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak for Network Automation One Day Consulting - Non-Saas Engagement Remotely Delivered SW Services                       | D06WUZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak System One Day Consulting - Non-Saas Engagement Remotely Delivered SW Services                                       | D06XJZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs - Cloud Pak System One Day Consulting - Saas Engagement Remotely Delivered Service                                               | D06XPZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Analytics & Cognos One Day Consulting - Non-Saas Engagement Remotely Delivered Service -- Software Services                      | D06V8ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Analytics & Cognos One Day Consulting - Saas Engagement Remotely Delivered Service -- Cloud Services                             | D06S6ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Cloud Pak for Data One Day Consulting - Non-Saas Engagement Remotely Delivered SW Services                                       | D06W7ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Cloud Pak for Data One Day Consulting - Saas Engagement Remotely Delivered Service- Cloud Services                               | D06XCZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Data Exchange One Day Consulting - Non-Saas Engagement Remotely Delivered SW Services                                            | D06V9ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Data Exchange One Day Consulting - Saas Engagement Remotely Delivered Service                                                    | D06VEZX | 14.387,10 | Permanente com Manutenção |

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| Real | 12 |  | PPA | 7831 | IBM Expert Labs Data Science One Day Consulting - Non-Saas Engagement Remotely Delivered Service Software Services    | D06Z8ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Data Science One Day Consulting - Saas Engagement Remotely Delivered Service                          | D06ZKZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Databases One Day Consulting - Non-Saas Engagement Remotely Delivered Service - Software Services     | D06W2ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Databases One Day Consulting - Saas Engagement Remotely Delivered Service - Cloud Services            | D06U5ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs DataOps One Day Consulting - Non-Saas Engagement Remotely Delivered Service Software Services         | D06ZCZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs DataOps One Day Consulting - Saas Engagement Remotely Delivered Service                               | D06ZPZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Engineering One Day Consulting - Non-Saas Engagement Remotely Delivered SW Services                   | D06YDZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Engineering One Day Consulting - Saas Engagement Remotely Delivered Service                           | D06YIZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Environmental Intelligence Suite One Day Consulting - Non-Saas Engagement Remotely Delivered Services | D06Y2ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Environmental Intelligence Suite One Day Consulting - Saas Engagement Remotely Delivered Service      | D06Y8ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Maximo One Day Consulting - Non-Saas Engagement Remotely Delivered SW Services                        | D06YMZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Maximo One Day Consulting - Saas Engagement Remotely Delivered Service                                | D06YSZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs OpenPages One Day Consulting - Non-Saas Engagement Remotely Delivered Service -- Software Services    | D06V3ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs OpenPages One Day Consulting - Saas Engagement Remotely Delivered Service -- Cloud Services           | D06S3ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Plan Application Runtimes - Non-Saas Engagement Remotely Delivered SW Services                        | D02CXZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Plan Business Automation - Non-Saas Engagement Remotely Delivered SW Services                         | D02D5ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Plan Cloud Pak for AIOps - Non-Saas Engagement Remotely Delivered SW Services                         | D02D1ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Plan Cloud Pak for AIOps - Saas Engagement Remotely Delivered Service                                 | D06X7ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Plan Integration - Non-Saas Engagement Remotely Delivered SW Services                                 | D02D9ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Supply Chain One Day Consulting - Non-Saas Engagement Remotely Delivered Service - Software Services  | D06VMZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs Supply Chain One Day Consulting - Saas Engagement Remotely Delivered Service - Cloud Services         | D06VSZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Expert Labs TRIRIGA One Day Consulting - Non-Saas Engagement Remotely Delivered SW Services                       | D06WKZX | 14.387,10 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs TRIRIGA One Day Consulting - Saas Engagement Remotely Delivered Service - Cloud Services                                                      | D06X8ZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Watson One Day Consulting - Non-Saas Engagement Remotely Delivered Service Software Services                                                  | D06ZGZX | 14.387,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Watson One Day Consulting - Saas Engagement Remotely Delivered Service                                                                        | D06ZTZ  | 14.387,10 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FCI Cartridge for IBM Cloud Pak for Data for Non-Production Environment Reserved Install Advanced Support Subscription Lic                                | Z09M4ZX | 14.359,67 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Enterprise Edition Certified Container Resource Value Unit Advanced Support Subscription License                           | Z28LPLL | 14.359,67 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                  | D0TB7LL | 14.340,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Tools and Utilities Add On Authorized User SW Subscription & Support Reinstatement 12 Months                          | D09IKLL | 14.340,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Virtual Data Pipeline Workgroup Edition Terabyte SW Subscription and Support Renewal 12 Months                                                 | EOQXHLL | 14.340,86 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Enterprise Records Bronze per Instance per Month                                                                                                    | D1RMXLL | 14.301,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Perform Apptio Targetprocess Guided Engagement per Month                                                                                      | D0GV7ZX | 14.301,63 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Advanced Certified Container Virtual Processor Core Monthly License                                                               | D08C6ZX | 14.285,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimization Studio Developer Edition Authorized User Annual SW Subscription & Support Renewal                                                 | E08PXLL | 14.278,20 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect Dedicated DNS Large Location per Month                                                                                                        | D0GNAZX | 14.239,45 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ENTERPRISE VIDEO STREAMING PLATINUM EDITION Instance per Month                                                                                            | D0F8KZX | 14.236,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM X-Force Exchange Commercial API Monthly Subscription w/ Support per Ten Thousand Items per Month                                                          | D1NIILL | 14.236,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Modernization per Virtual Processor Core Extended Support SL                                                                                    | X294PLL | 14.234,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Modernization Reserved Virtual Processor Core Extended Support Subscription Lic                                                                 | X09M8ZX | 14.234,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 28x512.4x4tb Bare Metal Large Data (28 cores, 512GB Memory, 4x4TB SATA RAID10, 10Gbps Bonded Network) per Instance Pay per Use   | D1WFXLL | 14.185,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 28x512.4x4tb Bare Metal Large Data (28 cores, 512GB Memory, 4x4TB SATA RAID10, 10Gbps Bonded Network) per Instance Pay per Use | D01SFZX | 14.185,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Inspection Workbench Client Device Annual SW Subscription & Support Renewal                                                                               | E0452ZX | 14.156,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (1251-2000) License + SW Subscription & Support 12 Months                                                                  | D1IW5LL | 14.156,16 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Endpoint 500Mbps Resource Value Unit Monthly License                                                                           | D1W4SLL | 14.141,81 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BigInsights BigIntegrate Virtual Server Monthly License                                                                                                                     | D1J5ALL | 14.141,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Archive to Image Services Server Monthly License                                                                                                                    | D1D8YLL | 14.141,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 28x256.4x10tb.sata Bare Metal SDS (28 cores, 256GB Memory, 4 x Raw 10TB SATA, 10Gbps Bonded Network) per Instance Pay per Use                      | D20B0LL | 14.134,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Automation Decision Services Ten Thousand Monthly API Calls LIC + SW S&S 12 MO                                                                                              | D0DL6ZX | 14.127,66 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 16x128.3.8tb.ssd Bare Metal SDS GPU (16 cores, 128GB Memory, Raw 3.8TB SSD, 10Gbps Bonded Network) per Instance Pay per Use                        | D20B2LL | 14.084,18 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                                            | D175ILL | 14.071,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage and QualityStage Designer Workgroup Edition Concurrent User License + SW Subscription & Support 12 Months                                              | D0IPELL | 14.071,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Express Use Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                       | D1GVDLL | 14.071,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management for Managed Service Providers Concurrent User Annual SW Subscription & Support Renewal                                                              | E0N7XLL | 14.071,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Add On Concurrent User License + SW Subscription & Support 12 Months                                                                               | D1R7LLL | 14.071,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Linear Asset Manager Concurrent User License + SW Subscription & Support 12 Months                                                                                   | D1R6KLL | 14.071,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest MultiSite Floating User License + SW Subscription & Support 12 Months                                                                                   | D531SLL | 14.071,23 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Command Center Standard Edition for Non-Production Environment Install Monthly License                                                                               | D17NPLL | 14.070,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Integration Server Starter Edition per Install Monthly License                                                                                                       | D1D0FLL | 14.070,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Asset Manager Enterprise Edition Collaborator Floating User Single Install Monthly License                                                                         | D1BK0LL | 14.070,03 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling File Gateway AddOn for B2Bi Enterprise Edition for Red Hat OpenShift Virtual Processor Core Subscription License                                                   | D28LILL | 14.070,03 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Financial Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core Monthly License                                     | D08HSZX | 14.070,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud - Federal One-Time Set Up                                                                                                                 | D1B4RLL | 13.990,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud One-Time Setup                                                                                                                            | D1016LL | 13.990,73 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 100 Mbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                              | D04FTZX | 13.964,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Processor Value Unit from Cognos Business Intelligence Analytics User Processor Value Unit Trade Up License + SW Subscription & Support 12 Months | D1794LL | 13.964,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Business Authorized User from OpenPages Limited per Authorized User Trade Up License + SW Subscription & Support 12 Months                                        | D2SUBLL | 13.964,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Solo Edition Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                 | E0LYJLL | 13.964,63 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager For Applications 3 Agent Pack Resource Value Unit SW Subscription & Support Reinstatement 12 Months | D0V2SLL | 13.964,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Breach Response Add-On per User Value Unit (Authorized User) SW Subscription & Support Reinstatement 12 Months      | D22NDLL | 13.934,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Disaster Recovery Add-On per User Value Unit (Authorized User) Annual SW Subscription & Support Renewal             | E0Q17LL | 13.934,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Non-Production Add-On per User Value Unit (Authorized User) Annual SW Subscription & Support Renewal                | E0Q0WLL | 13.934,39 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Pricing Instance Advanced Support per Month                                                              | E0E4RZX | 13.928,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Developer for C, C++, Java and Ada Floating User Single Install Monthly License                      | D1BRBLL | 13.926,45 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Connector to Centera Storage & Retrieval Resource Value Unit License + SW Subscription & Support 12 Months        | D04GWLL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Connector to DR550 Storage & Retrieval Resource Value Unit License + SW Subscription & Support 12 Months          | D04H2LL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Connector to Magnetic Storage & Retrieval Resource Value Unit License + SW Subscription & Support 12 Months       | D04H4LL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Connector to Snaplock Storage & Retrieval Resource Value Unit License + SW Subscription & Support 12 Months       | D04H6LL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Connector to Sun 5x20 CAS Storage & Retrieval Resource Value Unit License + SW Subscription & Support 12 Months   | D04GSLL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Integral SDS Connector to Centra Resource Value Unit License + SW Subscription & Support 12 Months                | D04H8LL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Integral SDS Connector to HCAP Resource Value Unit License + SW Subscription & Support 12 Months                  | D04IFLL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Integral SDS Connector to IBM DR550 Resource Value Unit License + SW Subscription & Support 12 Months             | D04GQLL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Integral SDS Connector to SnapLock Resource Value Unit License + SW Subscription & Support 12 Months              | D04HALL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Integral SDS Connector to Sun 5x20 CAS Resource Value Unit License + SW Subscription & Support 12 Months          | D04HCLL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet IS Conn to Non FileNet Optical Resource Value Unit License + SW Subscription & Support 12 Months                                 | D04NPLL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to EMC Isilon Resource Value Unit License + SW Subscription & Support 12 Months                                     | D1B6ILL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to Centera Storage & Retrieval Resource Value Unit License + SW Subscription & Support 12 Months                    | D04GULL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to DR550 Storage & Retrieval Resource Value Unit License + SW Subscription & Support 12 Months                      | D04GYLL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to Snaplock Storage & Retrieval Resource Value Unit License + SW Subscription & Support 12 Months                   | D04PRLL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Privacy for Hadoop Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                 | D12R2LL | 13.912,09 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Add On Authorized User License + SW Subscription & Support 12 Months                                          | D0GZ3LL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Add On Authorized User License + SW Subscription & Support 12 Months                                            | D0GZFLL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Add On Authorized User License + SW Subscription & Support 12 Months                                         | D0GZSLL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Add On Authorized User License + SW Subscription & Support 12 Months                                              | D0H04LL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Access Authorized User License + SW Subscription & Support 12 Months                                              | D60SVLL | 13.912,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Managed Service Providers Authorized User SW Subscription & Support Reinstatement 12 Months                    | D04XXLL | 13.854,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Protect Plus for IBM Cloud Pak for Multicloud Management Terabyte License + SW Subscription & Support                         | D04MKZX | 13.854,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Disaster Recovery 100 Resource Unit License + Subscription & Support 12 Months                          | D0AEIZX | 13.807,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Disaster Recovery 100 Resource Unit Reserved Subscription & Support 12 Months                           | D0CNUZX | 13.807,86 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Noname Advanced API Security as a Service for IBM Instance Advanced Support per Month                                                      | E0G0MZX | 13.804,18 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Data Collector for Aruba Wi-Fi Install Subscription License                                                                     | D0BH2ZX | 13.795,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco ACI Install Subscription License                                                                       | D0BHBZX | 13.795,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco Wi-Fi Install Subscription License                                                                     | D0BHUZX | 13.795,32 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Add-on for Global High Availability Mailbox for Non-Production Environment Resource Value Unit Monthly License | D1YINLL | 13.795,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Add-on for Global High Availability Mailbox for Non-Production Environment Resource Value Unit Monthly License   | D1YK9LL | 13.795,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Security (Gen 3) Disaster Recovery 100 Resource Unit License + SW Subscription & Support                                 | D05MGZX | 13.790,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Assess for Security and Compliance Essentials Engagement Remotely Delivered Service                                        | D0G4JZX | 13.781,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Build on IBM Cloud for SRE Engagement Remotely Delivered Service                                                           | D0G4SZX | 13.781,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate to IBM Cloud for VMware Engagement Remotely Delivered Service                                                      | D0G4VZX | 13.781,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Migrate to Red Hat OpenShift and IBM Cloud Satellite Engagement Remotely Delivered Service                                 | D0G4XZX | 13.781,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan on IBM Cloud for CoE Engagement Remotely Delivered Service                                                            | D0G4YZX | 13.781,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan on IBM Cloud for DevSecOps Engagement Remotely Del Svc                                                                | D0G4ZZX | 13.781,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan on IBM Cloud for SRE Engagement Remotely Del Svc                                                                      | D0G50ZX | 13.781,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 500Mbps Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                     | E0P23LL | 13.732,63 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 500Mbps Resource Value Unit from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                                     | D1YGBLL | 13.732,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Big SQL per Virtual Server Annual SW Subscription & Support Renewal                                                                                                                            | EONTMLL | 13.732,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Big SQL Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                                              | EOP5NLL | 13.732,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Direct Standard Edition Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                                               | D1MULLL | 13.732,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Authorized User Single Install from Ratl Team Concert Developer AUSI Trade Up License + SW Subscription & Support 12 Months | D0JTQLL | 13.732,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Workgroups Install Annual SW Subscription & Support Renewal 12 Months                                                                                                       | E0NZKLL | 13.732,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite Server Capacity Resource Value Unit License + SW Subscription & Support 12 Months                                                                                               | D1VP3LL | 13.732,63 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Modeler Professional Concurrent User Monthly License                                                                                                                                          | D17SRLL | 13.732,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - SOAR Authorized User Overage                                                                                                                                               | D0DSGZX | 13.679,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 28x512 Bare Metal Large (28 cores, 512GB Memory, 1.7TB SSD, 10Gbps Bonded Network) per Instance Pay per Use                                                               | D1WVLL  | 13.678,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 28x512 Bare Metal Large (28 cores, 512GB Memory, 960GB SSD, 10Gbps Bonded Network) per Instance Pay per Use                                                             | D01SEZX | 13.678,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Enterprise Virtual Processor Core Monthly License                                                                                                                                      | D1Q4HLL | 13.669,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Mart Pattern Virtual Server Monthly License                                                                                                                                                   | D19NWLL | 13.669,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Content Engine Bulk Import Tool Non Production Virtual Server Monthly License                                                                                                              | D1G0XLL | 13.669,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transactional Database Pattern Virtual Server Monthly License                                                                                                                                      | D19NVLL | 13.669,91 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Aviation Limited Use Concurrent User Annual SW Subscription & Support Renewal                                                                                                           | E0LL5LL | 13.668,02 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 28x128.2x1tb.4x1.7tb Bare Metal Data (28 cores, 128 GB Memory, 2 x 1TB SATA, 4 x 1.7TB SAS, 10Gbps Bonded Network) per Instance Pay per Use                               | D1X1SLL | 13.628,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 28x256.3.8tb.ssd Bare Metal SDS (28 cores, 256GB Memory, Raw 3.8TB SSD, 10Gbps Bonded Network) per Instance Pay per Use                                                   | D20AYLL | 13.628,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 28x256.3.8tb.ssd Bare Metal SDS (28 cores, 256GB Memory, Raw 3.8TB SSD, 10Gbps Bonded Network) per Instance Pay per Use                                                 | D01SDZX | 13.628,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar SOAR per User Value Unit (Authorized User) Monthly License                                                                                                                         | D22PFL  | 13.606,65 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Appliance xx29-C Business Critical Upgrade Appliance Install License + SW Subscription & Support 12 Months                                                                                  | E0PHLL  | 13.568,68 | Temporária com Manutenção |

|      |    |                                                |      |      |                                                                                                                                                                           |         |           |                           |
|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Instana - Non-Saas Engagement Remotely Delivered SW Services                                                                                         | D06VXZX | 13.566,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Instana - Saas Engagement Remotely Delivered Service                                                                                                 | D06W0ZX | 13.566,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Plan Turbonomic - Non-Saas Engagement Remotely Delivered Service                                                                                          | D08YSZX | 13.566,00 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Starter Edition for Non-Production on Cloud Instance Subscription Per Month                                                                                 | D01VEZX | 13.555,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (1 to 1,000TB) subscription per Terabyte 36 Months                                                                                               | D06CAZX | 13.544,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Event Automation Non-Production Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                              | D0DUJZX | 13.538,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                          | D610CLL | 13.538,23 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                       | E03SYLL | 13.538,23 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Change Management Solution Floating User Annual SW Subscription & Support Renewal                                                                  | E012XLL | 13.538,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG & COBOL Tools Floating User Single Install License + SW Subscription & Support 12 Months                                                 | D0C5ILL | 13.538,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Amos for zEnterprise BladeCenter Extension Authorized User License + SW Subscription & Support 12 Months                                                         | D0YTQLL | 13.538,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Director Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                | D24X2LL | 13.538,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Advanced User Authorized User from IBM Cognos Controller Enterprise Edition Trade Up License + SW Subscription & Support 12 Months                  | D26XLLL | 13.488,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Advanced User Authorized User from IBM Cognos Controller Small and Medium Enterprise Edition Trade Up License + SW Subscription & Support 12 Months | D26XJLL | 13.488,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Advanced User Authorized User from IBM Cognos Controller Standard Edition Trade Up License + SW Subscription & Support 12 Months                    | D26XKLL | 13.488,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Advanced User per Authorized User from IBM Cognos Controller Express Trade Up License + SW Subscription & Support 12 Months                         | D25YVLL | 13.488,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Cloud Storage Connector to OpenStack-enabled devices Resource Value Unit License + SW Subscription & Support 12 Months                                     | D1B6ELL | 13.488,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to EMC Atmos Resource Value Unit License + SW Subscription & Support 12 Months                                                                   | D1B6GLL | 13.488,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to Hitachi Content Platform Resource Value Unit License + SW Subscription & Support 12 Months                                                    | D1B6CLL | 13.488,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to S3-enabled devices Resource Value Unit License + SW Subscription & Support 12 Months                                                          | D1W7LLL | 13.488,06 | Permanente com Manutenção |



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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Limited Use Authorized User SW Subscription & Support Reinstatement 12 Months                                                   | D0T06LL | 13.488,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Publisher Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                     | D0B0ULL | 13.488,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Open XL CC ++ for Linux on Power Concurrent User SW Subscription & Support Renewal                                                                           | E04U8LL | 13.488,06 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Services COLD Non-Production Install Monthly License                                                                                       | D1D8VLL | 13.481,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 28x512.4x2tb Bare Metal Large (28 cores, 256GB Memory, 4 x 2TB SATA RAID 10, 10Gbps Bonded Network) per Instance Pay per Use    | D1X1QLL | 13.476,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Development Non-Production Env Silver 2.0 Instance Advanced Support per Month                                                   | E0FYQZX | 13.431,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Suite for HPC Install Monthly License                                                                                                       | D1VNALL | 13.419,08 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Big Replicate for Security Install Subscription License                                                                                                  | D2926LL | 13.419,08 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Advanced Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Extended Support Subscription License                     | X0A7XZX | 13.419,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Authorized User SW Subscription & Support Reinstatement 12 Months | D0YSYLL | 13.381,46 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas User Acceptance Test Instance Advanced Support per Month                                                      | E0E6FZX | 13.368,92 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor Authorized User SW Subscription & Support Reinstatement 12 Months                                       | D0EP7LL | 13.366,52 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech to Text Cartridge for IBM Cloud Pak for Data 500000 Monthly Minutes Advanced Support Subscription License                                  | Z29CPLL | 13.356,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Text to Speech Cartridge for IBM Cloud Pak for Data 250000000 Monthly Characters Advanced Support Subscription License                            | Z29CXLL | 13.356,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ for Non-Production Environment Virtual Processor Core SW S&S Reinstatement 12 Mo                                                                      | D0ETTZX | 13.325,03 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM AI Decision Coordination - Studio Ten Authorized Users Subscription License                                                                              | D0A3UZX | 13.293,67 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations for Transportation Standard User Per Concurrent User Monthly License                                                              | D1D1QLL | 13.280,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for Informix Innovator-C Edition Per Install, Unlimited Contacts SW Support 12 Months                                                      | D0D4ILL | 13.274,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Scheduler Plus per Concurrent User Annual SW Subscription & Support Renewal                                                      | E0NSELL | 13.274,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QMF Analytics for Multiplatforms Authorized User License + SW Subscription & Support 12 Months                                                           | D226DLL | 13.274,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Computing Suite for High Performance Analytics per Virtual Server Annual SW Subscription & Support Renewal                                      | E0Q3YLL | 13.274,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (251-500) License + SW Subscription & Support 12 Months                                                           | D1N1NLL | 13.274,86 | Permanente com Manutenção |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud On Demand Consulting Migration Services Engagement Advanced Support per Month                                                                        | E0G87ZX | 13.244,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Extended Support Subscription Lic                                                                       | X09MBZX | 13.230,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data Virtual Processor Core Ext Spt                                                                                                          | X296JLL | 13.230,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Professional 5M for IBM Cloud Instance Pay Per Use                                                                                                                         | D1M6CLL | 13.222,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage on Cloud, Small Dev/Test paygo Per Instance pay per use w/Support                                                                                                            | D1TYMLL | 13.222,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Document Conversion Premium for IBM Cloud Instance Pay per Use                                                                                                                  | D1NQPLL | 13.222,91 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Floating User Single Install Annual SW Subscription & Support Renewal                                                                        | E0AQ5LL | 13.218,42 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault Saas for Privileged Users per Authorized User Subscription Per Annum                                                                                   | D021CZX | 13.207,20 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Process Mining Analyst User add-on Authorized User per Annum                                                                                                                               | D09WZZX | 13.207,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Controller Additional Non-Production Instance on Cloud per Instance Monthly Subscription with Support                                                                           | D1CABLL | 13.182,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect Vanity Name Server Access per Month                                                                                                                                        | D0GNRZX | 13.182,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM One Day Business Partner Solution Acceleration Services Engagement Remotely Delivered Service                                                                                          | D04KCZX | 13.173,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 28x512.2x1tb Bare Metal Large (28 cores, 512GB Memory, 2 x 1TB SATA RAID 1, 10Gbps Bonded Network, Single power supply) per Instance Pay per Use              | D1X1NLL | 13.172,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for Hyperledger Fabric Virtual Processor Core                                                                                                                            | D0891ZX | 13.168,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Publishing Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                         | D09AMLL | 13.168,26 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Publishing Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                      | E071KLL | 13.168,26 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local User per Authorized User from Planning Analytics Express TM1 User per Authorized User Trade Up License + SW Subscription & Support 12 Months                  | D1RLFLL | 13.168,26 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D0DAKLL | 13.168,26 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E08X5LL | 13.168,26 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational SoftwareArchitect Designer Extension for Deployment Planning Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                    | D0DCNLL | 13.168,26 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational SoftwareArchitect Designer Extension for Deployment Planning Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                 | E08YMLL | 13.168,26 | Temporária com Manutenção |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Concurrent User Subscription License                                                                                       | D0EPMZX | 13.168,26 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Small for Red Hat OpenShift per Resource Value Unit License + SW Subscription & Support 12 Months | D26RKLL | 13.168,26 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (1251-2000) SW S&S Reinstate 12 Mo                                                                          | D1IPPLL | 13.168,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (1251-2000) SW S&S Reinstate 12 Mo                                                                          | D1IQ3LL | 13.168,26 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License                   | D26QILL | 13.136,81 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Express User per Authorized User License + SW Subscription & Support 12 Months                                                              | D0ESVLL | 13.111,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Authorized User Single Install License + SW Subscription & Support 12 Months            | D079WLL | 13.111,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Contributor Authorized User Single Install License + SW Subscription & Support 12 Months                               | D05T9LL | 13.111,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Authorized User Single Install License + SW Subscription & Support 12 Months                           | D0GNDLL | 13.111,82 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Targets for z/OS Sources for Non-Production Environments Install Subscription License                                             | D04QNZX | 13.065,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Test Data Fabrication Authorized User Single Session Monthly License                                                              | D1V8XLL | 13.065,02 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Native Academy - Gold Access per Annum                                                                                                       | D0D2DZX | 13.058,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | API Connect Enterprise 25 Million API Calls Reserved Instance Instance Advanced Support per Month                                                      | E0G0JZX | 13.058,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager Enterprise Edition on Cloud Bronze Instance Advanced Support per Month                                                                 | E0FZ5ZX | 13.058,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Call Center-Standard Edition-AddOn-Test Environment Instance Advanced Support per Month                                                            | E0DY3ZX | 13.058,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Dir Connect SoftLayer 1 GB Connection Advanced Support per Month                                                   | E0E49ZX | 13.058,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Integration Environment Instance Advanced Support per Month                                                        | E0E4BZX | 13.058,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Test Environment Instance Advanced Support per Month                                                               | E0E4EZX | 13.058,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Order Management-EE-AddOn-Dir Connect Softlayer 1 GB Connection Advanced Support per Month                                                             | E0E5PZX | 13.058,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Order Management-EE-AddOn-Test Environment Instance Advanced Support per Month                                                                         | E0E5JZX | 13.058,01 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Scheduler Authorized User License + SW Subscription & Support 12 Months                                                    | D0AYULL | 13.057,84 | Permanente com Manutenção |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express User per Authorized User from Planning Analytics Express Cognos Analytics Use per Authorized User Trade Up License + SW Subscription & Support 12 Months | D1RLDLL | 13.057,84 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local User Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                     | D1RA9LL | 13.057,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Amos Authorized User License + SW Subscription & Support 12 Months                                                                                                             | D0ENHLL | 13.057,84 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Standard Edition Simultaneous Session Initial Fixed Term License + SW Subscription & Support 12 Months                                                      | DOIYRLL | 13.057,84 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Standard Edition Simultaneous Session Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                   | E0BVILL | 13.057,84 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2Bi and SFG Enterprise Non-Production for Red Hat OpenShift Virtual Processor Core (VPC) Annual SW Subscription & Support Renewal 12 Months    | E0QVMLL | 13.057,84 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Add-on Capacity for Flex Enhanced Access Development Environment Instance per Month                                        | D20DLLL | 12.995,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) for US Federal SFTP Accounts Instance per Month                                                                            | D0BYJZX | 12.995,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) SFTP Accounts Instance per Month                                                                                           | D20DNLL | 12.995,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Add-On Saas Flex Capacity for Flex Enhanced Access Development Environment Instance per Month                                                                            | D20DCLL | 12.995,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for US Federal Saas Flex Capacity for Flex Enhanced Access Development Environment Instance per Month                                                                    | D0COUZX | 12.995,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for US Federal Saas Flex SFTP Account Instance per Month                                                                                                                 | D0C0XZX | 12.995,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM SFTP Saas Flex Accounts Instance per Month                                                                                                                               | D20DELL | 12.995,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Cognos Analytics Advanced Reserved Virtual Processor Core Extended Support Subscription License                                                                  | X09IVZX | 12.980,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Premium Feature Pack for i non-production per Install Monthly License                                                                                      | D092EZX | 12.980,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Premium Feature Pack non-production per Install Monthly License                                                                                            | D092FZX | 12.980,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR on Cloud (CU) Concurrent User Overage                                                                                                                                 | D22U4LL | 12.980,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for Sterling File Gateway Standard Install Monthly License 12 Months                                                                                | D1FR8LL | 12.980,14 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Integration for Enterprise Per Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                        | D1RH6LL | 12.948,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                 | D0H4LLL | 12.935,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center for Storwize Family per Storage Device Annual SW Subscription & Support Renewal                                                                              | E0J6MLL | 12.935,80 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Informix Reserved Virtual Processor Core Subscription                                                                                                            | D09GLZX | 12.917,44 | Assinatura                |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data for Non-Production Environment Install Subscription License                         | D26BELL | 12.917,44 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Assistant Cartridge for IBM CPD Non-Production Environment Reserved Install Subscription License                                   | D09N3ZX | 12.917,44 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Extension for VSE Floating User Annual SW Subscription & Support Renewal                                      | E0667LL | 12.878,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG/COBOL + Modernization Tools, Java Edition Authorized User SW Subscription & Support Reinstatement 12 Months  | D0ZNALL | 12.878,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for Multiplatform Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                  | D58BDLL | 12.878,38 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure Proxy Non-Production for Red Hat OpenShift Virtual Processor Core Annual Software Subscription & Support Renewal          | E0QUULL | 12.878,38 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Modernization Virtual Processor Core Subscription License Upgrade                                               | D03KCZX | 12.849,66 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Event Processor Virtual 1690 Failover Install Annual SW Subscription & Support Renewal                               | E0G2HLL | 12.831,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SIEM Flow Processor Virtual 1790 Failover Install Annual SW Subscription & Support Renewal                                | E0G2JLL | 12.831,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Multicloud Management Managed Virtual Server Annual SW Subscription & Support Renewal 12 Months                             | E0Q99LL | 12.813,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Internal Service Provider Edition Install Annual SW Subscription & Support Renewal                                           | E0CYWLL | 12.813,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                         | D04KKLL | 12.813,77 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Additional Non-Production Instance per Instance per Month                                                              | D11CALL | 12.809,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Premium Support per Month                                                                     | D0MGELL | 12.809,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Financial Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core Monthly License | D08H7ZX | 12.777,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Netezza Performance Server for IBM Cloud Pak for Data Non-Production Virtual Processor Core Annual SW S&S Rnwl                            | E0ALGZX | 12.761,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Contributor Authorized User Single Install License + SW Subscription & Support 12 Months            | D1JPTLL | 12.756,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for Cognos Analytics per Install Annual SW Subscription & Support Renewal                            | E07PKLL | 12.756,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for TM1 per Install Annual SW Subscription & Support Renewal                                         | E07PMLL | 12.756,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Non-Financial Services Resource Value Unit SW Subscription & Support Reinstatement 12 Months                               | D0LKDLL | 12.756,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 5 Floating User SW Subscription & Support Reinstatement 12 Months                          | D530KLL | 12.756,35 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (501-750) SW Subscription & Support Reinstatement 12 Months                                           | D1IW2LL | 12.756,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Natural Language Processing Library for Embed 250,000 Monthly API Calls SW Subscription & Support Reinstatement               | D0CUCZX | 12.741,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Text to Speech Library for Embed (12,500,000) Monthly Characters SW Subscription & Support Reinstatement                      | D0CY1ZX | 12.741,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management Advanced Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                  | D1UXALL | 12.691,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management for Internal Service Providers Concurrent User SW Subscription & Support Reinstatement 12 Months             | D1R6DLL | 12.691,73 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BigInsights BigQuality Virtual Server Monthly License                                                                                | D1J4RLL | 12.666,61 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Cognos Analytics Viewer Reserved Virtual Processor Core Subscription License                                      | D09LPZX | 12.666,61 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling B2B Integrator AddOn for File Gateway Enterprise Edition for Red Hat OpenShift Virtual Processor Core Subscription License  | D28LCLL | 12.666,61 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Log Manager Software Install Annual SW Subscription & Support Renewal 12 Months                                               | E0NCLLL | 12.663,11 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Viewer 500 Authorized Users Advanced Support per Annum                                                                | E0E8KZX | 12.610,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication Non-RDBMS Targets for Non-Prod Environments Per Install Monthly License                                  | D1RGQLL | 12.603,91 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | Motio ReportCard Virtual Processor Core SUBSCRIPTION LICENSE                                                                             | D08YBZX | 12.603,91 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Professional Virtual Processor Core Monthly License                                                                      | D1Q6DLL | 12.541,20 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Platform Enterprise Virtual Server Extended Support Subscription License         | X267ELL | 12.541,20 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 300 Mbps Install Annual SW Subscription & Support Renewal                                                            | E04GCZX | 12.528,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner Authorized User Single Install Annual SW Subscription & Support Renewal 12 Months | E0LSCLL | 12.528,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Authorized User from Rational ClearDDTS Authorized User Trade Up License + SW Subscription & Support 12 Months   | D53NULL | 12.528,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Automation Virtual Processor Core License + SW Subscription & Support 12 Months                                            | D05K7ZX | 12.528,66 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Subscription - Supply Chain Authorized User per Annum                                                                       | D0GXEZX | 12.509,28 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Subscription - Sustainability Authorized User per Annum                                                                     | D0GXFZX | 12.509,28 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Key Lifecycle Manager for IBM Storage Scale System per Install Monthly License                                     | D0DGPZX | 12.478,49 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User per Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                   | D10AJLL | 12.472,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Stakeholder Floating User Single Install License + SW Subscription & Support 12 Months               | D0GPCLL | 12.472,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Authorized User from Competitive Trade Up License + SW Subscription & Support 12 Months                          | D53NVLL | 12.472,22 | Upgrade com Manutenção    |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Perform Cloudability TotalCost Turnkey Admin Engagement per Month                                                                 | D0GW8ZX | 12.436,20 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - SOAR Authorized User Subscription Per Month                                                                           | D0DSFZX | 12.436,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Labor-Connect-Direct Setup-Connection Remotely Delivered Service                                          | D004DZX | 12.436,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Labor-OnDemand Additional Connect-Direct Setup-Connection Pay Per Use                                     | D004CZX | 12.436,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Limited Use Authorized User SW Subscription & Support Reinstatement 12 Months                                         | D0GY9LL | 12.422,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Authorized User from Maximo Asset Management Authorized User Trade Up License + SW Subscription & Support 12 Months  | D0H0FLL | 12.422,06 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Enterprise Edition CPU Option Virtual Processor Core Monthly License                                                                 | D229ULL | 12.415,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License                          | D26QVLL | 12.415,79 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Enterprise Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                | D1L2JLL | 12.414,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Express Connector per Install Annual SW Subscription & Support Renewal                                                      | E0JMKLL | 12.365,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Small per Resource Value Unit License + SW Subscription & Support 12 Months                           | D0ZZPLL | 12.365,62 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Capital Projects Manager Concurrent User Annual SW Subscription & Support Renewal                                                     | E0D9TLL | 12.365,62 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Key Lifecycle Manager for Raw Petabyte Storage Resource Value Unit Monthly License                                          | D20LALL | 12.347,16 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect RealTime Edition Authorized User Annual SW S&S Rnwl                                                               | E019GLL | 12.315,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Message Broker Retail Store Edition Store SW Subscription & Support Reinstatement 12 Months                                         | D0VLILL | 12.315,46 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data for Planning Analytics Advanced Reserved Virtual Processor Core Advanced Support Subscription License                      | Z09P6ZX | 12.290,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Advanced Modernization Reserved Authorized User Advanced Support Subscription License                                      | Z09K0ZX | 12.290,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise NPE CRTG for IBM Cloud Pak for Data BD Reserved Install Extended Support Subscription Lic                         | X09NMZX | 12.290,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Large for Red Hat OpenShift per Resource Value Unit Annual SW Subscription & Support Renewal | E0QP1LL | 12.259,02 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Case Manager Non-Production Environment Gold 2.0 Instance Advanced Support per Month                                                              | E0FYJZX | 12.249,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Foundation Non-Production Environment Gold 2.0 Instance Advanced Support per Month                                                        | E0DVQZX | 12.249,66 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Data Privacy Workgroup Edition Terabyte Monthly License                                                                                                   | D1D31LL | 12.203,59 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Plus 10 Managed Virtual Servers License + SW Subscription & Support 12 Months                                                                              | D1VBTL  | 12.203,59 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Plus Capacity per Terabyte License + SW Subscription & Support 12 Months                                                                                   | D1X27LL | 12.203,59 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy for Apache Hadoop Resource Value Unit SW S&S Reinstate 12 Mo                                                                                 | D0BADZX | 12.152,42 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Content Management System Monitor Non-Prod Starter Edition Managed Virtual Server Annual SW Subscription & Support Renewal                                      | E0BNSLL | 12.146,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Non Production for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal | E08V9ZX | 12.146,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Business Applications for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                | E0D9WLL | 12.146,17 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Data Warehouses Resource Value Unit (MVS) Subscription License                                                                       | D29A8LL | 12.131,80 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Business 10 Client Devices Advanced Support 12 Months                                                                                              | E0DX0ZX | 12.087,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Retail 100 Client Devices Advanced Support 12 Months                                                                                               | E0DWYZX | 12.087,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst for Workgroups Authorized User Single Install Competitive Trade Up License + SW S&S 12 Months                       | D0WABLL | 12.081,56 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional for Workgroups Authorized User Single Install Competitive Trade Up License + SW S&S 12 Months                             | D0WAHLL | 12.081,56 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for Workgroups Authorized User Single Install from Competitive Trade Up License + SW Subscription & Support 12 Months            | D0GHPLL | 12.081,56 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                               | D26VYLL | 12.081,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Real Estate Environmental Sustainability Manager Concurrent User Annual SW Subscription & Support Renewal                                                          | E0D93LL | 12.081,56 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core Monthly License                                              | D08HHZX | 12.060,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Talent Frameworks Refresh Instance Remotely Delivered Data Service                                                                                                         | D0BLPZX | 12.039,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Command Center Starter Edition Install Monthly License                                                                                                              | D17NNLL | 12.039,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Accelerate Terabyte Monthly License                                                                                      | D08TDZX | 12.039,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Adapter for JD Edwards EnterpriseOne Application instance Monthly License                                                                                        | D194KLL | 12.039,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Adapter for Oracle E-Business Suite Application instance Monthly License                                                                                         | D194GLL | 12.039,55 | Saas                      |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Adapter for PeopleSoft Enterprise Application instance Monthly License                                                                                                | D1949LL | 12.039,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Adapter for SAP Software Application instance Monthly License                                                                                                         | D1943LL | 12.039,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Adapter for Siebel Business Applications Application instance Monthly License                                                                                         | D1946LL | 12.039,55 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                                                     | E0AXTLL | 12.024,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Self Service Center for Test Data Management Authorized User Annual SW Subscription & Support Renewal                                                          | E0CSKLL | 12.024,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Resource Value Unit SW Subscription & Support                                                                                                                        | D0IMALL | 12.024,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Standard Activity Monitor for Data Warehouses Resource Value Unit (TB) License + SW Subscription & Support 12 Months                                          | D1E0ALL | 12.024,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor & Director for C-D Solo Edition Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                           | D1P2JLL | 12.024,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (1251-2000) from IBM Spectrum Control Standard Edition Trade Up License + SW Subscription & Support 12 Months                      | D1N2RLL | 12.024,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (1251-2000) from IBM Spectrum Virtualize Software for SAN Volume Controller Trade Up License + SW Subscription & Support 12 Months | D1N2QLL | 12.024,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (2001+) License + SW Subscription & Support 12 Months                                                                              | D1N2TLL | 12.024,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (501-750) from IBM Spectrum Control Advanced Edition Trade Up License + SW Subscription & Support 12 Months                        | D1N2HLL | 12.024,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (751-1250) SW Subscription & Support Reinstatement 12 Months                                                                       | D1N2JLL | 12.024,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx.data Non-Production Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                            | D0F4ZZX | 11.995,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Discover and Classify for Structured Data per Resource Value Unit (MVS) SW Subscription & Support Reinstatement 12 Months                                              | D0CEYZX | 11.976,85 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Mgmt Software Professional Ed Certified Container Resource Value Unit Advanced Support Subscription License                                                          | Z28LXLL | 11.976,85 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Resource Value Unit Annual SW Subscription & Support Renewal                                                                                        | E08C5LL | 11.959,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Analytics Enterprise Cartridge for IBM Cloud Pak for Data Authorized User Annual SW S&S Rnwl                                                                           | E0AS4ZX | 11.889,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Console Virtual 3190 Failover Install Annual SW Subscription & Support Renewal                                                                      | E0G2NLL | 11.876,93 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager Enterprise Edition on Cloud NPE Gold Instance Advanced Support per Month                                                                                            | E0FZ9ZX | 11.876,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify for Marketplaces Consumer Ten Thousand Eligible Participants Advanced Support 12 Months                                                                         | E0ECLZX | 11.864,16 | Saas                      |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault Saas for Business Users per 50 Authorized Users Subscription Per Annum                                                                                           | D021BZX | 11.864,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Cart for ICP4Data Non-Prod Reserved Virtual Processor Core Monthly License                                                                                             | D0BVFZX | 11.851,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Connected Vehicle Insights Private Additional Ten Thousand Items Monthly License                                                                                                                 | D083RZX | 11.844,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Connected Vehicle Insights Private Base 1000 Items Monthly License                                                                                                                               | D06ANZX | 11.844,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Strategic Facility Planning Install Monthly License                                                                                                                                      | D18WQLL | 11.844,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Performance Management Facilities Install Monthly License                                                                                                                      | D18W9LL | 11.844,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Performance Management Operations Install Monthly License                                                                                                                      | D18WFLL | 11.844,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Performance Management Projects Install Monthly License                                                                                                                        | D18WLLL | 11.844,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Performance Management Real Estate Install Monthly License                                                                                                                     | D18W3LL | 11.844,66 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Authorized User from Rational Rose Technical Developer Authorized User Trade Up License + SW Subscription & Support 12 Months | D0CA8LL | 11.837,48 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition for SAP Applications Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                   | D16N4LL | 11.837,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                       | D0DB9LL | 11.837,48 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR on Cloud (CU) Concurrent User per Month                                                                                                                                            | D22U3LL | 11.788,73 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Cartridge for IBM Cloud Pak for Data Authorized User SW Subscription & Support Reinstatement 12 Months                                                                 | D03HBZX | 11.726,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Reservation Coordinator Concurrent User Annual SW Subscription & Support Renewal                                                                                               | E0JPALL | 11.726,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                           | D0EJ8LL | 11.715,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM COBOL for Linux on x86 Virtual Processor Core SW Subscription & Support Renewal                                                                                                                  | E0R5KLL | 11.675,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS for HP Quality Center Interface Floating User License + SW Subscription & Support 12 Months                                                            | D09LTLL | 11.675,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstatement 12Months                                                           | D08KSZX | 11.675,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | InfoSphere Optim Test Data Management Enterprise Edition Accelerator for Oracle Applications Processor Value Unit (PVU) LIC + SW S&S 12 MO                                                           | D0B9UZX | 11.675,86 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted Advanced Medium Paygo Instance Pay Per Use                                                                                                                                            | D1PW5LL | 11.652,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License                                                                           | D26QCLL | 11.629,30 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM B2B Gateway Pack Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                        | D1QUQLL | 11.619,42 | Permanente com Manutenção |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication VSAM for Z/OS Remote Source Resource Value Unit License + SW Subscriptn and Support 12 Months                                         | D25ZBLL | 11.619,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct Endpoint Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                     | D1C05LL | 11.619,42 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Advanced Activity Monitor for Files Resource Value Unit License + SW Subscription & Support 12 Months                                | D1GPSLL | 11.619,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM StoredIQ Suite Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                | D1X57LL | 11.619,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager for Applications Single Agent Resource Value Unit License + SW Subscription & Support 12 Months                   | D0V30LL | 11.619,42 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Non Production Additional Client paygo Per Instance pay per use with Support                                           | D1X3HLL | 11.601,71 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning User Authorized User SW Subscription & Support Reinstatement 12 Months                                                      | D1V7ZLL | 11.569,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Configuration Manager Asset Annual SW Subscription & Support Renewal                                                                      | E04QNLL | 11.569,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase MultiSite Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                     | D537ZLL | 11.569,26 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 16x128 Bare Metal Medium GPU (16 cores, 128GB Memory, 1.7TB SSD, 10Gbps Bonded Network, 1GPU Card) per Instance Pay per Use   | D1WFYLL | 11.551,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 16x128 Bare Metal Medium GPU (16 cores, 128GB Memory, 1.7TB SSD, 10Gbps Bonded Network, 1GPU Card) per Instance Pay per Use | D01S9ZX | 11.551,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise 10 GBPS for Cloud Pak Integration Install Advanced Support Subscription License                                                      | Z0537ZX | 11.537,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Open Data for Industries Cartridge for IBM Cloud Pak for Data Virtual Processor Core Monthly License                                                   | D044UZX | 11.537,90 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License                    | D28LHLL | 11.537,90 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Social Program Management Platform Authorized User Annual SW Subscription & Support Renewal                                                      | E0E75LL | 11.512,82 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Advanced Terabyte Transmitted per Annum                                                                                                | D04PUZX | 11.491,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X2 TIBCO EMS Module Application instance Annual SW Subscription & Support Renewal 12 Months                                          | E0P66LL | 11.481,22 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Automatic Data Lineage Non-Production Resource Unit Extended Support Subscription License                                                              | X08XKZX | 11.475,20 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Floating User Single Install Annual SW Subscription & Support Renewal                          | E0EK3LL | 11.462,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Resource Adapter Professional Edition Non-Prod Server Annual SW Subscription & Support Renewal                                  | E050WLL | 11.462,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Managed Service Providers Limited Use Authorized User License + SW Subscription & Support 12 Months                            | D04XSLL | 11.462,66 | Permanente com Manutenção |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Calibration Concurrent User License + SW Subscription & Support 12 Months                                                                                                        | D1R7ULL | 11.462,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Advanced Activity Monitor for Data Warehouses Resource Value Unit (TB) SW Subscription & Support Reinstatement 12 Months                                              | D1E0QLL | 11.462,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Large per Resource Value Unit Annual SW Subscription & Support Renewal                                                                          | E0HS1LL | 11.462,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Indoor Maps - 2,350 SQM Per Item License + SW Subscription & Support 12 Months                                                                                                  | D06M0ZX | 11.462,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Indoor Maps - 25,000 SQ FT Per Item License + SW Subscription & Support 12 Months                                                                                               | D06M4ZX | 11.462,66 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Transformation Extender Advanced Certified Container Virtual Processor Core Subscription License                                                                                        | D08C8ZX | 11.413,94 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Endpoint 2.5 Gbps Install Monthly License                                                                                                                                        | D04G2ZX | 11.412,49 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Regulatory Compliance Management Application Extended Support Subscription License                                                                                            | X29KXLL | 11.412,49 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DevOps Model Architect Authorized User Annual SW Subscription & Support Renewal                                                                                                         | E0FIBZX | 11.356,06 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data DataStage Enterprise Plus Reserved Non-Production Virtual Processor Core Subscription License                                                                        | D09NUZX | 11.349,79 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant for Voice Interaction Cartridge for IBM CPD NP Env Reserved 50 Concurrent Connections Advanced Support Subscription Lic                                                | Z09N5ZX | 11.349,79 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM watsonx.governance Risk and Compliance Foundation Virtual Processor Core Advanced Support Subscription License                                                                          | Z0H6XZX | 11.349,79 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 45 Mbps Install from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                                           | D04GGZX | 11.349,34 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Software Development Kit Authorized User Annual SW Subscription & Support Renewal                                                                                      | E0622LL | 11.349,34 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                          | D0LG4LL | 11.349,34 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Concurrent User Annual SW Subscription & Support Renewal                                                                                                                   | E0CVLLL | 11.349,34 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Floating User Single Install License + SW Subscription & Support 12 Months                                                   | D09MMLL | 11.349,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Floating User Single Install License + SW Subscription & Support 12 Months                                          | D09PPLL | 11.349,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Authorized User Single Install from Engineering Workflow Management Stakeholder AUSI Trade Up License + SW Subscription & Support 12 Months | D0GNGLL | 11.349,34 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Health,Safety and Environment Manager Concurrent User Trade Up from 3 Maximo Health,Safety and Environment Manager Authorized User + SW Subscription & Support 12 Months         | D1Q77LL | 11.349,34 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer for WebSphere Software Authorized User Annual SW Subscription & Support Renewal                                                                    | E0DV0LL | 11.349,34 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer for WebSphere Software Authorized User Annual SW Subscription & Support Renewal (z seller)                              | E0DV2LL | 11.349,34 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Red Hat OpenShift Virtual Processor Core License + SW Subscription and Support 12 Months                                 | D27J4LL | 11.349,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network Insights Appliance 1901-C Business Critical Upgrade Appliance Install License + SW Subscription & Support 12 Months                           | E0PHSLL | 11.312,39 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Social Share for Salesforce Install Annual SW Subscription & Support Renewal                                                                                 | E0F0QZX | 11.299,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Archive Library Edition High End Libraries TS4500 Install Annual SW Subscription & Support Renewal 12 Months                                        | E0BT5ZX | 11.299,62 | Manutenção após Vigência  |
| Real | 24 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Token 24 Months Initial Fixed Term License + SW Subscription & Support                            | D26HLLL | 11.291,91 | Temporária com Manutenção |
| Real | 24 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Token Initial Fixed Term License + SW Subscription & Support 24 Months                                 | D08RMZX | 11.291,91 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Add-On 1000 External Pack User Value Unit License + SW Subscription & Support 12 Months                                        | D1AUMLL | 11.291,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest and ClearQuest MultiSite Floating User Annual SW Subscription & Support Renewal                                                          | E0134LL | 11.291,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest and ClearQuest MultiSite for zSeries (S390) Floating User UC Annual SW Subscription & Support Renewal                                    | E028QLL | 11.291,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Standard Activity Monitor for Big Data Resource Value Unit (MVS) License + SW Subscription & Support 12 Months                             | D1E09LL | 11.291,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Director Non-Production Resource Value Unit License + SW Subscription & Support 12 Months                                            | D24X7LL | 11.291,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager for Transactions for Web and Robotic Response and Tracking Resource Value Unit Annual SW Subscription & Support Renewal | E0BMCLL | 11.291,91 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Spatial Asset Management Install Monthly License                                                                                                      | D18S3LL | 11.270,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core Monthly License                              | D08GXZX | 11.270,37 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Intake Authorized User License + SW Subscription & Support 12 Months                                                                     | D1NCVLL | 11.249,46 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Investigation Authorized User License + SW Subscription & Support 12 Months                                                              | D1NCXLL | 11.249,46 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Envizi One Day Consulting - Saas Engagement Remotely Delivered SW Services                                                                       | D0G9QZX | 11.239,07 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Content Manager Interface Concurrent User Annual SW Subscription & Support Renewal                                              | E03T8LL | 11.227,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Optical Character Recognition/Intelligent Character Recognition Engine Concurrent User Annual SW Subscription & Support Renewal | E03T4LL | 11.227,31 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core Subscription License                 | D08HTZX | 11.198,59 | Assinatura                |

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| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Advisor with Watson - Test Environment 100 Events per second Subscription per Annum with Support                                             | D1TJVLL | 11.192,64 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Advisor with Watson 100 Events per second per Annum                                                                                          | D1S7FLL | 11.192,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Foundation Silver 2.0 Instance Advanced Support per Month                                                                                   | E0FXPZX | 11.192,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Real Estate and Facilities Management Saas Add-On Reporting Instance per Month                                                              | D01Y4ZX | 11.192,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Real Estate and Facilities Management Saas For US Federal ADD-On Reporting Instance per Month                                               | D01YKZX | 11.192,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Non-Production Virtual Processor Core SW Subscription and Support Renewal 12 Months                           | E0QXFLL | 11.169,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Data Standard Edition per Virtual Processor CoreAnnual SW Subscription & Support Renewal 12 Months                                    | E0PEDLL | 11.169,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Authorized User License + SW Subscription & Support 12 Months                           | D09M2LL | 11.169,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Tools and Utilities Add On Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months     | D097VLL | 11.169,87 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Tools and Utilities Add On Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months  | E06YTLL | 11.169,87 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Development Authorized User for zSeries (S/390) License + SW Subscription & Support 12 Months                                 | D52ANLL | 11.169,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Development Authorized User License + SW Subscription & Support 12 Months                                                     | D6DFLLL | 11.169,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Development Authorized User for zSeries (S/390) License + SW Subscription & Support 12 Months                                      | D52AWLL | 11.169,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Development Registered Authorized User License + SW Subscription & Support 12 Months                                               | D6DGALL | 11.169,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Authorized User License + SW Subscription & Support 12 Months | D0DAGLL | 11.169,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational SoftwareArchitect Designer Extension for Deployment Planning Authorized User License + SW Subscription & Support 12 Months                 | D0DCJLL | 11.169,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor Concurrent User Annual SW Subscription & Support Renewal                                           | E09R7LL | 11.169,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Concurrent User Annual SW Subscription & Support Renewal     | E0H3GLL | 11.169,87 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud SIEM for ISVs - Medium - up to 200 EPS month Instance Pay per Use                                                                             | D0FQRZX | 11.145,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway X3 TIBCO EMS Module Application instance Annual SW Subscription & Support Renewal                                                 | E09WMZX | 11.139,50 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Business for Japan 10 Client Devices Overage                                                                                | D1WH1LL | 11.130,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Retail for Japan 100 Client Devices Overage                                                                                 | D1WGPLL | 11.130,40 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Standard User Authorized User License + SW Subscription & Support 12 Months                                                              | D0C2QLL | 11.105,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Warehouse Modernization Virtual Processor Core SW Subscription & Support Reinstatement 12Months       | D08L4ZX | 11.105,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D0TBJLL | 11.105,27 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0EK7LL | 11.105,27 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                  | D0P1DLL | 11.105,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Eclipse Client Authorized User SW Subscription & Support Reinstatement 12 Months                                             | D0H5XLL | 11.105,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Server Agent Managed Virtual Server License + SW Subscription & Support 12 Months                                                         | D12TPLL | 11.105,27 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Master Cartridge for IBM Cloud Pak for Data Virtual Processor Core Monthly License                                                                 | D05SFZX | 11.098,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Authorized User from Cognos Analytics User Authorized User Trade Up License + SW Subscription & Support 12 Months                | D1790LL | 11.036,26 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Supply Chain EDI Non-Production for Red Hat OpenShift Virtual Processor Core Trade Up                            | D09Y8ZX | 11.036,26 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Backup Capacity Expansion Terabyte LIC + SW S&S 12 Months                                                                                   | D09QAZX | 11.036,26 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Fast Start-Supply Chain Insights-AddOn-Strategy Service Engagement Remotely Delivered Service                                          | D00G0ZX | 11.006,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Analytics Enterprise Authorized User Annual SW S&S Rnwl                                                                                           | E0A23ZX | 10.979,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Advanced Authorized User SW Subscription & Support Reinstatement 12 Months                                                                | D17BTLL | 10.979,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Authorized User SW Subscription & Support Reinstatement 12 Months                                                                | D175ELL | 10.979,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Copy Manager for IBM Spectrum Virtualize Storage Device SW S&S Reinstat 12 Mo                                                                              | D07LSZX | 10.979,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Modernization Non Production Virtual Processor Core Annual SW Subscription & Support Renewal          | E08LLZX | 10.979,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Insight Edition Add-On Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                | D1JZVLL | 10.979,82 | Manutenção após Vigência  |
| Real | 24 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Basic Token Initial Fixed Term License + SW Subscription & Support 24 Months                                               | D08ASZX | 10.979,82 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (1-100) Annual SW S&S Rnwl                                                                                          | E0LUWLL | 10.979,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (1-100) Annual SW S&S Rnwl                                                                                          | E0LV6LL | 10.979,82 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Integrated Workplace Manager Concurrent User Monthly License                                                                              | D18X8LL | 10.973,55 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Provider Management Authorized User License + SW Subscription & Support 12 Months                                                           | D0QRGLL | 10.929,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning Manager Authorized User SW Subscription & Support Reinstatement 12 Months                                              | D076YLL | 10.925,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for Non-Production Environment per Install Annual SW Subscription & Support Renewal                          | E09T7LL | 10.925,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express TM1 User Authorized User License + SW Subscription & Support 12 Months                                                 | D1R8KLL | 10.925,80 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Deployment Manager Authorized User Annual SW Subscription & Support Renewal                            | E09NBLL | 10.925,80 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Controller Small and Medium Enterprise Edition for Non-Production Environment per Install Monthly License                                  | D1RSYLL | 10.910,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Modernization Non-Production Virtual Processor Core Subscription License                                                | D03KUXZ | 10.910,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech Services Cartridge for IBM CPD for Non-Production Environment 32 Virtual Processor Cores Advanced Support Subscription License      | Z26A4LL | 10.910,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech Services Cartridge for IBM CPD for Non-Production Environment IBM Z32 Virtual Processor Cores Advanced Support Subscription License | Z26A5LL | 10.910,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Virtualization Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                  | D0PU0LL | 10.861,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Premium Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                     | D22I9LL | 10.861,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Authorized User License + SW Subscription & Support 12 Months                                                            | D0ELNLL | 10.861,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Categories Authorized User License + SW Subscription & Support 12 Months                                                                     | D0ELFLL | 10.861,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Complex Samples Authorized User License + SW Subscription & Support 12 Months                                                                | D0ELBLL | 10.861,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Conjoint Authorized User License + SW Subscription & Support 12 Months                                                                       | D0EL7LL | 10.861,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Custom Tables Authorized User License + SW Subscription & Support 12 Months                                                                  | D0ELSLL | 10.861,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Decision Trees Authorized User License + SW Subscription & Support 12 Months                                                                 | D0EMMLL | 10.861,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Authorized User License + SW Subscription & Support 12 Months                                                               | D0EMILL | 10.861,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Exact Tests Authorized User License + SW Subscription & Support 12 Months                                                                    | D0EMELL | 10.861,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Forecasting Authorized User License + SW Subscription & Support 12 Months                                                                    | D0EMCLL | 10.861,20 | Permanente com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Missing Values Authorized User License + SW Subscription & Support 12 Months                                                                                 | D0EM6LL | 10.861,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Neural Networks Authorized User License + SW Subscription & Support 12 Months                                                                                | D0EM2LL | 10.861,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Regression Authorized User License + SW Subscription & Support 12 Months                                                                                     | D0EL3LL | 10.861,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments Non-Production for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal | E0QPCLL | 10.861,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Healthcare Non-Production for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal         | E0QP8LL | 10.861,20 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (1 to 5,000TB) subscription per Terabyte 36 Months                                                                                           | D06CBZX | 10.848,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (1 to 500TB) subscription per Terabyte 24 months                                                                                             | D06C4ZX | 10.848,14 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition per Processor Value Unit License + SW Subscription & Support 12 Months                                                     | D1GUSLL | 10.844,53 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 28x256.4x2tb Bare Metal Large (28 cores, 256GB Memory, 4 x 2TB SATA RAID 10, 10Gbps Bonded Network) per Instance Pay per Use             | D1X1RLL | 10.841,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Modernization Virtual Processor Core Subscription License Upgrade                                                                            | D03MYZX | 10.839,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Datacap Copper Instance Advanced Support per Month                                                                                                                    | E0DWFZX | 10.819,49 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Connected Vehicle Insights Private Base 1000 Items Subscription License                                                                                           | D06AMZX | 10.785,43 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Connected Vehicle Insights Private Additional Ten Thousand Items Subscription License                                                                             | D083SZX | 10.767,87 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center Dashboards Floating User Single Session Monthly License                                                                              | D29K4LL | 10.767,87 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License                             | D28LBLL | 10.767,87 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Floating User Annual SW Subscription & Support Renewal                                              | E07M2LL | 10.766,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Tools and Utilities Add On Floating User Single Install Annual SW Subscription & Support Renewal                              | E079NLL | 10.766,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Visual Inspection Mobile Client Device Annual SW Subscription & Support Renewal                                                                            | E0QLRLL | 10.766,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Administrator Authorized User SW Subscription & Support Reinstatement 12 Months                                                        | D0AVNLL | 10.766,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Standard Edition Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                          | D0B04LL | 10.766,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Web Client Authorized User SW Subscription & Support Reinstatement 12 Months                                                        | D1TTILL | 10.766,62 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Adanced Activity Monitor for Big Data Resource Value Unit (MVS) SW Subscription & Support Reinstatement 12 Months                                                   | D1E05LL | 10.766,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony GPU Harvesting General Purpose Graphics Proc Unit License + SW Subscription & Support 12 Months                                                                     | D0Q0XLL | 10.766,62 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Modernization per Virtual Processor Core Advanced Support SL                                                                                                                | Z294PLL | 10.722,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Modernization Reserved Virtual Processor Core Advanced Support Subscription Lic                                                                                             | Z09M8ZX | 10.722,73 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Processor Value Unit from Cognos Analytics Viewer Processor Value Unit Trade Up License + SW Subscription & Support 12 Months                                   | D179CLL | 10.716,46 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM DevOps for IBM Cloud Paks Resource Unit SW Subscriptn & Supt Reinstatement 12 Months                                                                                                  | D28GNLL | 10.716,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Stakeholder Floating User Single Install from Engineering Workflow Management Stakeholder AUSI Trade Up License + SW Subscription & Support 12 Months | D0GPFL  | 10.716,46 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Employee User Value Unit License + SW Subscription & Support 12 Months                                                                           | D04K3LL | 10.716,46 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Basic Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                                  | D02KJZX | 10.716,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for SAP Applications Non-Production for Red Hat OpenShift Virtual Processor Core Trade Up                                                       | D09YRZX | 10.716,46 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Connected Vehicle Insights Private Non-Production Additional Ten Thousand Items Monthly License                                                                                       | D083TZX | 10.696,08 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for HPC Install Subscription License                                                                                                                               | D28GBLL | 10.696,08 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Insight Edition Add-On Gold Instance Advanced Support per Month                                                                                                               | E0DWIZX | 10.695,13 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (1-100) License + SW Subscription & Support 12 Months                                                                              | D1NDHLL | 10.660,02 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Big Replicate for Hadoop Virtual Server Annual SW Subscription & Support Renewal 12 Months                                                                                            | E0PCSLL | 10.660,02 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Connected Vehicle Insights Private Non-Production Base 1000 Items Monthly License                                                                                                     | D06ALZX | 10.660,02 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management Ten Thousand Monthly Events License + SW Subscription & Support 12 Months                                                            | D20LKLL | 10.660,02 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configure Price Quote Enterprise Direct Sales per Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                        | E0HSALL | 10.660,02 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (2001+) License + SW Subscription & Support 12 Months                                                                                                  | D1IMYLL | 10.660,02 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Professional Concurrent User Monthly License                                                                                                                          | D17R3LL | 10.624,30 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Signature Validation Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                             | D1JZRL  | 10.609,86 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (751-1250) SW Subscription & Support Reinstatement 12 Months                                                                               | D1IW4LL | 10.609,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Field Services per Authorized User SW Subscription & Support 12 Months                                                                                            | D20DTLL | 10.609,86 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Insights for Twitter for IBM Cloud Service Million Events Pay Per Use                                                                                                     | D1GMLLL | 10.588,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Personality Insights Premium for IBM Cloud Instance Pay per Use                                                                                                    | D1NQRL  | 10.588,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Tone Analyzer Premium for IBM Cloud Instance Pay Per Use                                                                                                           | D1PYCLL | 10.588,46 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Authorized User License + SW Subscription and Support 12 Months                                                | D03I6ZX | 10.553,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management User Authorized User SW Subscription & Support Reinstatement 12 Months                                                                      | D076BLL | 10.553,42 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Safety and Environment Manager Concurrent User Annual SW Subscription & Support Renewal 12 Months                                                                  | E0N2ULL | 10.553,42 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Publisher Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                       | D0B22LL | 10.553,42 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Publisher Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                    | E07S6LL | 10.553,42 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest MultiSite Floating User from Competitive Trade Up License + SW Subscription & Support 12 Months                                                       | D5383LL | 10.553,42 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester Authorized User Annual SW Subscription & Support Renewal                                                                                       | E0197LL | 10.553,42 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Functional Tester S390 Authorized User Annual SW Subscription & Support Renewal                                                                                  | E01I4LL | 10.553,42 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                     | D0J37LL | 10.553,42 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Edition Modernization Virtual Processor Core Subscription License Upgrade                                                                                    | D03PVZX | 10.552,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Composer Add On Floating User Single Install Monthly License                                                          | D1BQVLL | 10.552,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Enterprise Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                              | D03QMZX | 10.552,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 28x256.2x1tb Bare Metal Large (28 cores, 256GB Memory, 2 x 1TB SATA RAID 1, 10Gbps Bonded Network, Single power supply) per Instance Pay per Use | D1X1PLL | 10.537,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Express Server Edition Limited Use Virtual Server SW Subscription & Support Reinstatement 12 Months                                       | D1CCHLL | 10.495,09 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core Subscription License                            | D08H8ZX | 10.480,74 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Modernization Non Production Virtual Processor Core Annual SW Subscription & Support Renewal                                                  | E0C04ZX | 10.446,82 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 100 Mbps Install Annual SW Subscription & Support Renewal                                                                                                   | E04FUZX | 10.437,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Occasional Authorized User Value Unit License + SW Subscription & Support 12 Months                                                                | D16S7LL | 10.437,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition Authorized User Single Install License + SW Subscription & Support 12 Months                                                                  | D56CILL | 10.437,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Hybrid Data Management Platform CEO User Software Subscription & Support Reinstatement 12 Months                                                                            | D270XLL | 10.437,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Health,Safety and Environment Manager Authorized User SW Subscription & Support Reinstatement 12 Months                                                              | D0L7ULL | 10.437,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Configured Managed Server Install SW Subscription & Support Reinstatement 12 Months                                                                 | D0J28LL | 10.437,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Virtual Log Manager Event Capacity Increase of 100 EPS Install Annual SW Subscription & Support Renewal                                                     | E0G3ALL | 10.388,72 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Bronze 2.0 Instance Advanced Support per Month                                                                                                                 | E0DVRZX | 10.384,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Add-on Capacity for Production Instance per Month                                                                  | D20DJLL | 10.384,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) for US Federal Add-on Capacity for Production Instance per Month                                                   | D0BYHZX | 10.384,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Add-On Saas Flex Capacity for Production Instance per Month                                                                                                      | D20DALL | 10.384,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for US Federal Saas Flex Capacity for Production Instance per Month                                                                                              | D0BYCZX | 10.384,23 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 Warehouse for IBM Cloud Pak for Data Virtual Processor Core SW Subscription & Support Reinstatement 12Months | D08MLZX | 10.373,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition AU Option for Non-Production Environments Authorized User SW Subscription & Support Reinstatement 12 Months                                            | D233QLL | 10.373,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                         | D0G80LL | 10.373,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (1-100) LIC + SW S&S 12 Months                                                                                                    | D1088LL | 10.373,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (1-100) LIC + SW S&S 12 MO                                                                                             | D107ULL | 10.373,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault On-Premises for Business Users per User Value Unit (Pack of 50 Users) SW Subscription & Support Reinstatement 12 Months                     | D21ZVLL | 10.337,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault On-Premises for Privileged Users per User Value Unit SW Subscription & Support Reinstatement 12 Months                                      | D21ZRLL | 10.337,15 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender for Red Hat OpenShift Virtual Processor Core Monthly License                                                                               | D26S5LL | 10.337,15 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 for IBM Cloud Pak for Data Non-Production Virtual Processor Core Annual SW Subscription & Support Renewal    | E08M7ZX | 10.315,62 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition - Archive File Access Terabyte Annual SW S&S Rnwl                                                                                                          | E076VZX | 10.315,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Advanced Bare Metal Managed Server Annual SW Subscription & Support Renewal                                                                                                             | E0DTZZX | 10.315,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Enterprise Edition Non-Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                              | D1L2RLL | 10.299,33 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Call Center-Standard Edition-AddOn-Integration Environment Instance Advanced Support per Month                                                                                                         | E0DY1ZX | 10.259,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Dedicated Node Base Non Production Ten Thousand Items Overage                                                                                                           | D1UH8LL | 10.259,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Data Extraction Service Surcharge Map Set Up                                                                                                                   | D0MPFLL | 10.259,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Order Management-EE-AddOn-Integration Environment Instance Advanced Support per Month                                                                                                                      | E0E57ZX | 10.259,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for PostgreSQL Small Instance Pay per Use                                                                                                                                    | D01JUZX | 10.237,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Server Bundle Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                    | D1LL7LL | 10.233,62 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Product Hub - Advanced Edition for Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months                                          | D0LPELL | 10.233,62 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG & COBOL Tools Floating User Single Install tradeup from Rational Developer for i RPG & COBOL Tools Authorized User Trade Up License + SW Subscription & Support 12 Months | D0C5KLL | 10.233,62 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Standard Edition for Non-Production Environment Connection SW Subscription & Support Reinstatement 12 Months                                                                      | D22IGLL | 10.233,62 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 500 Events Per Second Monthly License                                                                                                             | D1RPNLL | 10.229,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Endpoint 300Mbps Resource Value Unit Monthly License                                                                                                                        | D1W4RLL | 10.221,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Subscription License                                                                              | D03K1ZX | 10.221,08 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Reserved Non-Production Virtual Processor Core Subscription License                                                                     | D096SZX | 10.221,08 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Modernization Non Production Virtual Processor Core Subscription License Upgrade                                                                                                    | D036LZX | 10.221,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Breach Response Add-On per User Value Unit (Concurrent User) Annual SW Subscription & Support Renewal                                                                             | E0Q0QLL | 10.219,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere per Authorized User from Maximo Everyplace Authorized User Trade Up License + SW Subscription & Support 12 Months                                                                      | D10RBLL | 10.183,45 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Floating User Annual SW Subscription & Support Renewal                                                                                                                     | E03STLL | 10.183,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase and ClearCase MultiSite Floating User Annual SW Subscription & Support Renewal                                                                                                      | E0131LL | 10.183,45 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                            | D0DBILL | 10.183,45 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                         | E08XULL | 10.183,45 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Advanced Activity Monitor for Data Warehouses TradeUp from Security Guardium Standard Activity Monitor for Data Warehouses Resource Value Unit Trade Up License + SW Subscription & Support 12 Months | D1E0RLL | 10.183,45 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Virtual Data Pipeline and Optim Data Privacy Terabyte Monthly License                                                                                                                                        | D279FLL | 10.158,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations Center for Emergency Management Mobile User on Cloud Concurrent User Overage                                                                                                                     | D1JERLL | 10.158,37 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM MongoDB Enterprise Advanced Special Term with IBM Virtual Server Subscription License                                                                                                                                   | D29Q7LL | 10.158,37 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License                                                                                               | D28LFLL | 10.158,37 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Content Intelligence Cartridge for Cloud Pak for Data Install Extended Support Subscription License                                                                                                    | X26CSLL | 10.158,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Custom Model for Premium Item Pay Per Use                                                                                                                                                              | D20CFLL | 10.132,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for Workgroups Starter Pack 10 Authorized User Single Install Annual SW Subscription & Support Renewal                                                                        | E0DUULL | 10.127,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Cartridge for IBM Cloud Pak for Data Authorized User SW Subscription and Support Renewal 12 Months                                                                                          | E03JAZX | 10.127,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Authorized User from Competitive Authorized User Trade Up License + SW Subscription & Support 12 Months                           | D0DY6LL | 10.127,02 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Observability by Databand Self-Hosted Resource Unit SW S&S Reinstall 12 Mo                                                                                                                                         | D0BV3ZX | 10.098,19 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Advanced Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Advanced Support Subscription License                                                                                    | Z0A7XZX | 10.095,67 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Modernization Reserved Virtual Processor Core Extended Support Subscription License                                                                                                           | X09J0ZX | 10.095,67 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Explorer Modernization Virtual Processor Core Subscription License Upgrade                                                                                                                                       | D28SILL | 10.095,67 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer Cluster Edition per Process Annual SW Subscription & Support Renewal 12 Months                                                                                                                     | E0N6PLL | 10.071,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Non-Production Virtual Processor Core License + SW Subscription & Support 12 Months                                                                                                 | D26W9LL | 10.071,55 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 5 Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                         | D0BGPLL | 10.071,55 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 5 Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                        | E07ZLLL | 10.071,55 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (501-750) License + SW Subscription & Support 12 Months                                                                            | D1N1QLL | 10.071,55 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Application Suite per AppPoint License + Software Subscription & Support 12 Months                                                                                | D07ZCZX | 10.071,55 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (751-1250) from IBM Spectrum Control Advanced Edition Trade Up License + SW Subscription & Support 12 Months                 | D1N2MLL | 10.071,55 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Disaster Recovery Install Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months                                         | D1S20LL | 10.051,03 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Disaster Recovery Software Install Annual SW Subscription & Support Renewal 12 Months                                                                              | E0NCJLL | 10.051,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Log Manager High Availability Software Install Annual SW Subscription & Support Renewal 12 Months                                                                  | E0NCNLL | 10.051,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Software for Non-Production Install Annual SW Subscription & Support Renewal 12 Months                                                                             | E0PQELL | 10.051,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One 21XX Install Annual SW Subscription & Support Renewal                                                                              | E0G1MLL | 10.051,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Open Source Support for Application Servers Open Source Software Support Passport Advantage Apache httpServer httpd per Server SW Support 12 Months                 | D1XC5LL | 10.050,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Open Source Support for Application Servers Open Source Software Support Passport Advantage Apache Tomcat per Server SW Support 12 Months                           | D1XCCLL | 10.050,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Open Source Support for Containers Open Source Software Support Passport Advantage Docker Engine Community for OS per Server SW Support 12 Months                   | D1XBTL  | 10.050,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Open Source Support for Databases Open Source Software Support Passport Advantage MariaDB per Server SW Support 12 Months                                           | D1XBNLL | 10.050,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Open Source Support for Databases Open Source Software Support Passport Advantage MongoDB per Server SW Support 12 Months                                           | D1XBPLL | 10.050,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Open Source Support for Databases Open Source Software Support Passport Advantage MySQL per Server SW Support 12 Months                                             | D1XBQLL | 10.050,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Open Source Support for Databases Open Source Software Support Passport Advantage PostgreSQL per Server SW Support 12 Months                                        | D1XBRLL | 10.050,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Open Source Support for Deployment Management and Monitoring Open Source Software Support Passport Advantage Chef Community Version per Server SW Support 12 Months | D1XBULL | 10.050,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Open Source Support for OS Open Source Software Support Passport Advantage CentOS per Server SW Support 12 Months                                                   | D1XBMLL | 10.050,02 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Cartridge for IBM Cloud Pak for Data Non-Prod Reserved Virtual Processor Core Monthly License                                                        | D0BVDZX | 10.032,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Aviation Concurrent User Monthly License                                                                                                                       | D1GS3LL | 10.032,96 | Saas                      |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog Manager for Customers Instance Advanced Support per Month                                 | E0E81ZX | 10.011,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog Manager for Suppliers Instance Advanced Support per Month                                 | E0E83ZX | 10.011,14 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Availability Db2 Warehouse Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                       | D21UNLL | 10.006,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (1-100) SW Subscription & Support Reinstatement 12 Months                                               | D1N1KLL | 10.006,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Structured Decision Making Add-on Authorized User License + SW Subscription & Support 12 Months                            | DOQNXLL | 9.970,25  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Outcome Management Structured Decision Making Add-on Authorized User License + SW Subscription & Support 12 Months                       | DOQPBLL | 9.970,25  | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Add-on Daily Backup Service Dev_Test Instance per Month                                                | D01VSZX | 9.970,25  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Advanced Support Subscription Lic                               | Z09MBZX | 9.970,25  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Cartridge for IBM Cloud Pak for Data Virtual Processor Core Advanced Spt                                                             | Z296JLL | 9.970,25  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Operational Risk Management Application Extended Support Subscription License                                                        | X29KPLL | 9.970,25  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Test Automation Server Professional Floating User Single Install Monthly License                                                      | D02KWZX | 9.970,25  | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Discover and Classify for Unstructured Data per Resource Value Unit (TB) License + SW Subscription & Support 12 Months                | D0CF5ZX | 9.970,25  | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Premium Instance Additional 1TB Memory for 4TB Total Memory Instance per Month                                              | D05J9ZX | 9.965,87  | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 300Mbps Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                             | E0P22LL | 9.949,51  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 300Mbps Resource Value Unit from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months | D1YGALL | 9.949,51  | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Content Collector Edition 1000 External Pack User Value Unit License + SW Subscription & Support 12 Months       | D1AZCLL | 9.949,51  | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Add-On Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                       | D04JBLL | 9.949,51  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                            | D04I4LL | 9.949,51  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Architect Authorized User Annual SW Subscription & Support Renewal                                                             | E02BRLL | 9.949,51  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Architect zSeries Authorized User Annual SW Subscription & Support Renewal                                                     | E02YWLL | 9.949,51  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Authorized User SW Subscription & Support Reinstatement 12 Months                                                          | D53NTLL | 9.949,51  | Manutenção após Vigência  |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Professional Hybrid Entitlement Virtual Processor Core Hybrid Entitlement                                                                                                                    | D1QVGLL | 9.948,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Professional on Cloud Saas Virtual Processor Core per Month                                                                                                                                  | D1QABLL | 9.948,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Advanced Enterprise Virtual Processor Core SW S&S Reinstall 12 Mo                                                                                                                         | D09PYZX | 9.913,82 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core Subscription License                                                                       | D08HIZX | 9.906,45 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Video Highlights Event Overage                                                                                                                                                                           | D012EZX | 9.886,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Authorized User Single Install license from Competitive Authorized User Single Install license Trade Up + SW Subscription & Support 12 Months | D0K1LLL | 9.884,91 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Authorized User Single Install from Competitor Trade Up License + SW Subscription & Support 12 Months                                                        | D0GNFLL | 9.884,91 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Authorized User Annual SW Subscription & Support Renewal                                                                                                                        | E0AV5LL | 9.884,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Authorized User Annual SW Subscription & Support Renewal                                                                                                                          | E0AV9LL | 9.884,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Authorized User Annual SW Subscription & Support Renewal                                                                                                                       | E0AVDLL | 9.884,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Authorized User Annual SW Subscription & Support Renewal                                                                                                                            | E0AVHLL | 9.884,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA CAD Integrator/Publisher Authorized User Annual SW Subscription & Support Renewal                                                                                                                | E0D9ALL | 9.884,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Facility Assessment Concurrent User Annual SW Subscription & Support Renewal                                                                                                                     | E0D9CLL | 9.884,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (101-250) Annual SW S&S Rnwl                                                                                                                                      | E0LUXLL | 9.884,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (101-250) Annual SW S&S Rnwl                                                                                                                                      | E0LV7LL | 9.884,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (2001+) SW S&S Reinstall 12 Mo                                                                                                                                    | D1IPRLL | 9.884,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (2001+) SW S&S Reinstall 12 Mo                                                                                                                                    | D1IQ5LL | 9.884,91 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Floating User Single Install Monthly License                                                                                                       | D1BQZLL | 9.834,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Floating User Single Install Monthly License                                                                                          | D1BR1LL | 9.834,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication Non-RDBMS Targets for Non-Prod Environments Install Subscription License                                                                                                     | D04R1ZX | 9.834,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM UrbanCode Deploy Session Simultaneous Session Monthly License                                                                                                                                            | D1BU6LL | 9.834,66 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Authorized User from Planning Analytics Express Consumer User Authorized User Trade Up License + SW Subscription & Support 12 Months                                               | D17BJLL | 9.807,22 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Authorized User License + SW Subscription & Support 12 Months                                                                                                                      | D17BGLL | 9.807,22 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Contributor Authorized User Single Install from Competitive Trade Up License + SW S&S 12 Months                                                | D06PHLL | 9.807,22 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                          | D0ECALL | 9.807,22 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                       | E09IYLL | 9.807,22 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months    | D0YTKLL | 9.807,22 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0H40LL | 9.807,22 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Cognos Analytics Advanced Reserved Virtual Processor Core Advanced Support Subscription License                                                         | Z09IVZX | 9.782,14 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM watsonx.governance Regulatory Compliance Management Application Advanced Support Subscription License                                                                      | Z0H98ZX | 9.782,14 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Concurrent User Annual SW Subscription & Support Renewal                                                                                              | E09PWLL | 9.762,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Network Automation Resource Unit License + Software Subscription and Support 12 Months                                                                       | D053ZZX | 9.757,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM COBOL for AIX Authorized User Annual SW Subscription & Support Renewal                                                                                                     | E1A1XLL | 9.757,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Db2 for z/OS Remote Source per Resource Value Unit License + SW Subscription & Support 12 Months                                                          | D20SCLL | 9.757,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Base Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal                                                      | E03GJZX | 9.757,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Floating User Single Install License + SW Subscription & Support 12 Months                                      | D26GQLL | 9.757,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition User Option Authorized User Single Install License + SW Subscription & Support 12 Months                                                       | D0D20LL | 9.757,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Cartridge for IBM Cloud Pak for Data Non-Product Virtual Processor Core Annual SW Subscription & Support Renewal                               | E0BYNZX | 9.757,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Non-Production Virtual Processor Core LIC + SW S&S 12 MO                                                    | D08S5ZX | 9.757,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere Concurrent User Trade Up from 3 Maximo Anywhere Authorized User + SW Subscription & Support 12 Months                                                      | D1QBALL | 9.757,05 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express User Authorized User SW Subscription & Support Reinstatement 12 Months                                                                          | D1R8GLL | 9.757,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                        | D0PW2LL | 9.757,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Standard Edition for Non-Production Environment Simultaneous Session SW Subscription & Support Reinstatement 12 Months                             | D0J2GLL | 9.757,05 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Medium for Red Hat OpenShift per Resource Value Unit Trade Up License from IBM Sterling Order Management Store Edition Medium per Resource Value Unit License + SW Subscription & Support 12 Months | D0BQEZ  | 9.757,05 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (1-12) License + SW Subscription & Support 12 Months                                                                                                                                                     | D1IWFL  | 9.757,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Entry Edition per Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                                                                                  | D12Y3LL | 9.757,05 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Connected Vehicle Insights Private Non-Production Base 1000 Items Subscription License                                                                                                                                                               | D06AKZX | 9.719,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Config Price Quote Add on Certified Container Resource Value Unit Extended Support Subscription License                                                                                                                        | X28LNLL | 9.719,43 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Appeals and Legal Actions per Authorized User License + SW Subscription & Support 12 Months                                                                                                                                                    | D1R32LL | 9.700,62 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - SOAR for Non-Production Environment Authorized User per Monthly Subscription                                                                                                                                                 | D0EXLZX | 9.700,24 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Connected Vehicle Insights Private Non-Production Additional Ten Thousand Items Subscription License                                                                                                                                                 | D083UZX | 9.691,09 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Intake and Assessment per Authorized User License + SW Subscription & Support 12 Months                                                                                                                                                        | D1R17LL | 9.650,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Workgroup Server Edition Limited Use Socket Annual SW Subscription & Support Renewal                                                                                                                 | E0KT3LL | 9.640,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Workgroup Server Edition Limited Use Socket Annual SW Subscription & Support Renewal                                                                                                            | E0KTBLL | 9.640,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Workgroup Server Edition Limited Use Socket Annual SW Subscription & Support Renewal                                                                                                                                 | E0KSJLL | 9.640,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst for Workgroups Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                                                               | D0W8VLL | 9.640,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional for Workgroups Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                                                                     | D0VJWLL | 9.640,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for Workgroups Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                                                                            | D0GHNLL | 9.640,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Business Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                                                                                 | D25U9LL | 9.640,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for Multiplatform Processor Value Unit (PVU) from Competitive Trade Up License + SW Subscription & Support 12 Months                                                                                                                   | D58BFLL | 9.640,84 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Base Virtualization Software Storage Capacity Unit (101-250) License + SW Subscription & Support 12 Months                                                                                                                     | D1NDJLL | 9.640,84 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Secure Proxy Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                           | D27P8LL | 9.640,84 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloud Enterprise Records Gold Instance Advanced Support per Month                                                                                                                                            | E0DWSZX | 9.638,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Advanced Integration Services Map On-Demand Setup                                                                                                                | D0MK6LL | 9.638,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Advanced Integration Services Map Set Up                                                                                                                         | D0MPKLL | 9.638,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault Engines Instance Advanced Support 12 Months                                                                                                                              | E0E24ZX | 9.625,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault Sites Instance Advanced Support 12 Months                                                                                                                                | E0E27ZX | 9.625,56 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License                                                                              | D28L9LL | 9.619,30 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Rose Enterprise Authorized User Annual SW Subscription & Support Renewal                                                                                                                        | E02D2LL | 9.583,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Vulnerability Assessment for Databases Resource Value Unit (MVS) SW Subscription & Support Reinstatement 12 Months                                                                     | D1E0KLL | 9.583,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Configured Managed Server to Control Center Director Resource Value Unit TradeUp License + SW Subscription & Support 12 Month                                                    | D24X3LL | 9.583,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (1251-2000) SW Subscription & Support Reinstatement 12 Months                                                                                               | D1N2PLL | 9.583,41 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Master Modernization for IBM Cloud Pak for Data Virtual Processor Core SUBSCRIPTION LICENSE                                                                                                      | D05T2ZX | 9.547,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Modeler Gold Keyless Authorized User Monthly License                                                                                                                                                | D17Y4LL | 9.547,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Fast Start-Supply Chain Insights-AddOn-Technical Service Engagement Remotely Delivered Service                                                                                       | D00G1ZX | 9.513,69 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management Advanced Workspace Add-On Authorized User License + SW Subscription & Support 12 Months                                                                                    | D1QZYLL | 9.487,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Internal Service Provider Edition Concurrent User Licence + SW Subscription & Support 12 Months                                                                                             | D0NNELL | 9.487,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Advanced Activity Monitor for Big DataTradeUp from Security Guardium Standard Activity Monitor for Big Data Resource Value Unit Trade Up License + SW Subscription & Support 12 Months | D1E06LL | 9.487,42 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SmartCloud Application Performance Management NON Production Managed Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                    | D0Q52LL | 9.487,42 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Cartridge for Cloud Pak for Data Virtual Processor Core Extended Support Subscription License                                                                                  | X03HIZX | 9.468,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Express Authorized User 500 Pack 500 Authorized Users Advanced Support per Month                                                                                                | E0FYSZX | 9.451,51 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enable SV for Cloud Per Storage Device Storage Device License + SW Subscription and Support 12 Months                                                                                                    | D27KFLL | 9.437,25 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud on IBM Cloud 1 Terabyte License + SW Subscription and Support 12 Months                                               | D27GDLL | 9.437,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite Entry Terabyte (1-100) SW S&S Reinstate 12 Mo                                                                                            | D1INGLL | 9.437,25 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Platform Enterprise Virtual Server Advanced Support Subscription License                               | Z267ELL | 9.405,90 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 25K Flows Per Minute Monthly License                                                                  | D1RRDLL | 9.355,81 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data DataStage Enterprise Non Production Reserved Virtual Processor Core Subscription License                                                | D09NCZX | 9.343,19 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Test Pack Virtual Testers 100 Floating User Monthly License                                                                           | D1BF7LL | 9.343,19 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech to Text Library for Embed (125,000 Monthly Minutes) Monthly License                                                                          | D0CY4ZX | 9.343,19 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (101-250) LIC + SW S&S 12 Months                                                                                 | D108ALL | 9.339,34 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SVC Metro Mirror Software Terabyte (101-250) LIC + SW S&S 12 Months                                                                                        | D107WLL | 9.339,34 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Container Edition for Non-Prod with Red Hat OpenShift Virtual Processor Core Subscription License                       | D08GYZX | 9.332,16 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Security (Gen 3) 100 Resource Unit Trade Up from Eligibl Program Trade Up License + SW Subscription & Support 12 Mo                          | D05M0ZX | 9.330,65 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Authorized User Single Install Software Subscription & Support Reinstatement 12 Months                   | D272ULL | 9.330,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Stakeholder Floating User Single Install from Competitive Trade Up License + SW Subscription & Support 12 Months           | D0GPELL | 9.330,65 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Authorized User Annual SW Subscription & Support Renewal                                                                       | E0NU6LL | 9.330,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Service Tester for SOA Quality Authorized User Annual SW Subscription & Support Renewal                                                           | E03P1LL | 9.330,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Trade Up From Eligible Program Reserved Trade Up License + SW Subscription & Support 12 Months | D0CP1ZX | 9.330,65 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Trade Up From Eligible Program Trade Up License + SW Subscription & Support 12 Months          | D0A2EZX | 9.330,65 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software 100 Resource Unit Trade Up from Eligible Program Reserved Trade Up License + Subscription & Support 12 Months               | D0CNJZX | 9.330,65 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software 100 Resource Unit Trade Up from Eligible Program Trade Up License + Subscription & Support 12 Months                        | D0AE2ZX | 9.330,65 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                       | D10WVLL | 9.330,65 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | Motio CI Upgrade Environment Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                                             | EORBPLL | 9.330,65 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Essentials Edition Instance One Time Set Up                                                                                                                                      | D0H0FZX | 9.327,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Insights-Standard Edition-Base-Resource-Thousand Shipment Records Pay per Use                                                                                                              | D00N9ZX | 9.327,15 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One Virtual 3190 Failover Install Annual SW Subscription & Support Renewal                                                                                                  | E0G2LLL | 9.286,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Software Node Install License + SW Subscription & Support 12 Months                                                                                                                            | D1S2JLL | 9.286,29 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Data Store for Disaster Recovery Connection Monthly License                                                                                                                                    | D1W7RLL | 9.282,92 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Modernization Non Production Virtual Processor Core Subscription Licens                                                                                                                   | D03NDZX | 9.280,49 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Developer Edition Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                          | D19TDLL | 9.274,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Floating User Annual SW Subscription & Support Renewal                                                                                                                                     | E0130LL | 9.274,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Server and VM Harvesting Virtual Server License + SW Subscription & Support 12 Months                                                                                                        | D0Q0VLL | 9.274,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configure Price Quote for Red Hat OpenShift Authorized User Trade Up License from IBM Sterling Configure, Price, Quote Enterprise Sales Authorized User License + SW Subscription & Support 12 Months | D0BPUZX | 9.274,22 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Streaming Analytics Enhanced Monthly Container Container Pay Per Use                                                                                                                                           | D1WIDLL | 9.271,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Streaming Analytics for IBM Cloud per node Virtual Server subscription per month                                                                                                                               | D1JX9LL | 9.271,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations Center for Emergency Management Mobile User on Cloud Concurrent User per Month                                                                                                          | D1JEQLL | 9.217,78 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Open Data for Industries Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core SUBSCRIPTION LICENSE                                                                                             | D09JPZX | 9.217,78 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Open Data for Industries Cartridge for IBM Cloud Pak for Data Virtual Processor Core SUBSCRIPTION LICENSE                                                                                                      | D044VZX | 9.217,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Modeler Premium Authorized User Monthly License                                                                                                                                                           | D1D3JLL | 9.217,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Reporting Install Monthly Licence                                                                                                                                                                      | D263ELL | 9.217,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise NPE CRTG for IBM Cloud Pak for Data BD Reserved Install Advanced Support Subscription Lic                                                                                          | Z09NMZX | 9.217,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase MultiSite Floating User SW Subscription & Support Reinstatement 12 Months                                                                                                                   | D531PLL | 9.217,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Modeling for Communications Applications for Ratl Professional Bundle Floating User SW Subscription & Support Reinstatement 12 Months                                                                 | D0BBTLL | 9.217,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                                  | D54LSLL | 9.217,30 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks Standard Edition Virtual Processor Core SW Subscriptn & Supt Reinstatement 12 Months                                                 | D27FFLL | 9.217,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Starter Edition Store SW Subscription & Support Reinstatement 12 Months                                                                 | D0VKCLL | 9.217,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Starter Edition with Informix Database Store SW Subscription & Support Reinstatement 12 Months                                          | D0VLGLL | 9.217,30 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integrated Analytics Standard Security Appliance Instance per Month                                                                                             | D1Q37LL | 9.202,79 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics Non-Production Modernization Reserved Virtual Processor Core Subscription License                                                                    | D09M0ZX | 9.155,08 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Non-Production Modernization Virtual Processor Core Subscription License                                                                             | D03E7ZX | 9.155,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Industry Solutions Workbench Non-Production Virtual Processor Core Monthly License                                                                                    | D25ZALL | 9.155,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Test Automation Server Test Execution - Small Floating User Single Install SUBSCRIPTION LICENSE                                                              | D032DZX | 9.155,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Reviewer Edition Authorized User SW Subscription & Support Renewal                                                                       | E06X6LL | 9.152,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional Authorized User Single Install Annual SW Subscription & Support Renewal                                              | E05M7LL | 9.152,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Client SDK Authorized User Single Install License + SW Subscription & Support 12 Months                                                                      | D6DDNLL | 9.152,70 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for IBM Cloud for AWS 1 Terabyte License + SW Subscription & Support 12 Months                                                                    | D22TVLL | 9.152,70 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud on Azure Terabyte LIC + SW S&S 12 MO                                                                                             | D08JXZX | 9.152,70 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize Software for SVC Encryption Storage Device SW Subscription & Supt Reinstatement 12 Months                                                         | D1JW8LL | 9.152,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Authorized User from Planning Analytics Express Analytics User Authorized User Trade Up License + SW Subscription & Support 12 Months           | D17BILL | 9.095,26 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Authorized User Annual SW Subscription & Support Renewal                                           | E078SLL | 9.095,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Player Add On Authorized User SW Subscription & Support Reinstatement 12 Months                                   | D09FXLL | 9.095,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Option Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                 | E0QIALL | 9.095,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere Concurrent User Annual SW Subscription & Support Renewal 12 Months                                                                                    | E0N3NLL | 9.095,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Government Authorized User Annual SW Subscription & Support Renewal                                                                                        | E0AVQLL | 9.095,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Add On Concurrent User License Trade Up From 3 Maximo for Nuclear Power Add On Authorized User License + SW Subscription & Support 12 Months | D1SH2LL | 9.095,26 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Add-On Concurrent User Trade Up from 3 Maximo for Oil and Gas Add On Authorized User + SW Subscription & Support 12 Months           | D1Q7QLL | 9.095,26 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Add On per Concurrent User Trade Up from 3 Maximo for Transportation Add On Authorized User + SW Subscription & Support 12 Months | D1R75LL | 9.095,26 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Add On Concurrent User Trade Up from 3 Maximo for Utilities Add On Authorized User + SW Subscription & Support 12 Months               | D1QAULL | 9.095,26 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Cartridge for IBM Cloud Pak for Data Virtual Processor Core Monthly License                                                                | D0C1AZX | 9.092,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere DataStage Pack for SAS Install Monthly License                                                                                                   | D19HBLL | 9.092,37 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Event Automation Virtual Processor Core Annual SW Subscription & Support Renewal                                                                            | E0DU5ZX | 9.061,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager Event Processor Virtual 1690 Failover Install Annual SW Subscription & Support Renewal                                          | E0G2QLL | 9.033,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                          | D0H4SLL | 9.030,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ECM System Monitor Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                | E0R4SLL | 9.030,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Workgroup Edition Authorized User Annual SW Subscription & Support Renewal                                        | E0JZZLL | 9.030,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere Add-on Authorized User License + SW Subscription & Support 12 Months                                                                        | D17CCLL | 9.030,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Application Suite per AppPoint SW Subscription & Support Reinstatement 12 Months                                                                     | D28AZLL | 9.030,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Authorized User Annual SW Subscription & Support Renewal                                                                           | E0AVLLL | 9.030,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local Explorer Authorized User License + SW Subscription & Support 12 Months                                                             | D1RA0LL | 9.030,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (101-250) SW Subscription & Support Reinstatement 12 Months                                                          | D1N1MLL | 9.030,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months       | D26Q5LL | 9.030,65 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (1 to 1,000TB) subscription per Terabyte 24 Months                                                                                     | D06C5ZX | 9.029,66 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | MongoDB Enterprise Advanced with IBM Virtual Server Subscription License                                                                                        | D26E2LL | 9.029,66 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted Standard Medium Paygo Instance Pay Per Use                                                                                                       | D1PW1LL | 9.017,93 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Privacy and Security for Data Warehouse Appliances per Resource Value Unit Annual SW Subscription & Support Renewal                         | E0JFBLL | 8.973,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere per Authorized User SW Subscription & Support Reinstatement 12 Months                                                                       | D10RALL | 8.973,23 | Manutenção após Vigência  |



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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Publisher Authorized User Single Install from Rational Asset Manager Std Edition Authorized User Trade Up License + SW Subscription & Support 12 Months | D080VLL | 8.973,23 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Capital Projects Hub Per Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                | D28ZJLL | 8.973,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (2001+) from IBM Spectrum Control Standard Edition Trade Up License + SW Subscription & Support 12 Months                                            | D1N2WLL | 8.973,23 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (2001+) from IBM Spectrum Virtualize Software for SAN Volume Controller Trade Up License + SW Subscription & Support 12 Months                       | D1N2VLL | 8.973,23 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM AI Decision Coordination - Studio Ten Authorized Users SL UPGRADE                                                                                                                                 | D0A3TZX | 8.966,96 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Enterprise Edition for Non-Production Environment Install Monthly License                                                                                                               | D25VGLL | 8.966,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Standard Edition Install Monthly License                                                                                                                                                | D25V3LL | 8.966,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Control Virtual Processor Core Monthly License                                                                                                  | D08TIZX | 8.966,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Real Estate Environmental Sustainability Impact Manager for Non-Production Environment Install Monthly License                                                                            | D18WYLL | 8.966,96 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Discovery Cartridge for IBM Cloud Pak for Data Additional Capacity 8 Virtual Processor Core Subscription License                                                                           | D26CBLL | 8.966,96 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Discovery Cartridge IBM CPD Additional Capacity Reserved 8 Virtual Processor Core Subscription License                                                                                     | D09NIZX | 8.966,96 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Standard Edition Connection Trade Up License                                                                                                                                 | D083HZX | 8.908,62 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Social Enterprise Collaboration Authorized User License + SW Subscription & Support 12 Months                                                                                               | D0QRULL | 8.904,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Enterprise Edition Add-On Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                    | D0T5FLL | 8.904,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Print Printer Annual SW Subscription & Support Renewal                                                                                                                                    | E052MLL | 8.904,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Scheduler Authorized User from IBM Maximo Adapter for Microsoft Project Authorized User Trade Up Licence + SW Subscription & Support 12 Months                            | D17I6LL | 8.904,25 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Concurrent User Subscription License Upgrade                                                                                                                              | D0EPLZX | 8.904,25 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager For Applications Full Agent Pack Resource Value Unit Annual SW Subscription & Support Renewal                                                                | E0F3NLL | 8.904,25 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Master Cartridge for IBM Cloud Pak for Data Virtual Processor Core SUBSCRIPTION LICENSE                                                                                                   | D05SGZX | 8.901,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager Enterprise Edition on Cloud NPE Silver Instance Advanced Support per Month                                                                                                            | E0FZBZX | 8.891,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Non-Production Environment Bronze 2.0 Instance Advanced Support per Month                                                                                                | E0FYVZX | 8.891,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Development Edition Zenrin Commercial Map Extension Instance Advanced Support 12 Months                                                                            | E0E3BZX | 8.891,88 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer Authorized User License + SW Subscription & Support 12 Months                             | D532ILL | 8.847,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer for zSeries Authorized User Single Install License + SW Subscription & Support 12 Months  | D60EFL  | 8.847,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Modeling for Communications Applications for Ratl Professional Bundle Authorized User License + SW Subscription & Support 12 Months | D0BBNLL | 8.847,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment Resource Value Unit License + SW Subscription & Support 12 Months             | D0J1MLL | 8.847,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | InfoSphere Optim Data Privacy EE Accelerator for Oracle Applications Processor Value Unit (PVU) LIC + SW S&S 12 MO                               | D0B97ZX | 8.847,82 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Professional Concurrent User Subscription License                                                                            | D0EPVZX | 8.841,55 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Enterprise Gateway with DRDA Server Monthly License                                                                                 | D19R4LL | 8.829,66 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Cursive Recognition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                     | D1JZKLL | 8.786,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Standard Activity Monitor for Files Resource Value Unit License + SW Subscription & Support 12 Months                      | D1GPQLL | 8.786,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (251-500) Annual SW S&S Rnwl                                                                          | E0LUYLL | 8.786,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (251-500) Annual SW S&S Rnwl                                                                          | E0LV8LL | 8.786,58 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Virtual Processor Core Extended Support Subscription License                                                       | X28CWLL | 8.778,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Management Edition for Flash per Disk Drive Annual SW Subscription & Support Renewal 12 Months                            | E0P6KLL | 8.778,84 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management Modernization Virtual Processor Core Subscription License                                                             | D03AKZX | 8.757,87 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM DataStage Enterprise Cartridge for ICP4Data Non-Prod Reserved Virtual Processor Core SUBSCRIPTION LICENSE                                    | D2A0LLL | 8.716,13 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Premium Instance Additional 1TB Memory for 2TB Total Memory per Instance per Month                                        | D22RPLL | 8.705,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Transaction Manager Services Engagement Remotely Delivered Service -- Cloud Services            | D08K8ZX | 8.705,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Operations Dashboard Airports Item per Month                                                                                     | D01ZBZX | 8.705,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Operations Dashboard Platform Item per Month                                                                                     | D01SLZX | 8.705,34 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Express Performance Management User Authorized User License + SW Subscription & Support 12 Months                                     | D120PLL | 8.691,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor Secure Proxy Certified Container for Redhat Openshift Virtual Processor Core Trade Up License                         | D09YXZX | 8.691,05 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Signature Validation for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months         | D1JZSLL | 8.691,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Authorized User License + SW Subscription & Support 12 Months                  | D0APSL  | 8.691,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM PL/I for AIX Authorized User SW Subscription & Support Renewal                                                                               | E1AE7LL | 8.691,05 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced per Processor Value Unit from Cognos Planning or TM1 without Workspace Add-On Trade Up License + SW Subscription & Support 12 Months                       | D1UXPLL | 8.691,05 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced per Processor Value Unit from Planning Analytics Local or TM1 with Workspace Add-On Trade Up License + SW Subscription & Support 12 Months                 | D1UXNLL | 8.691,05 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Floating User Single Install Annual SW Subscription & Support Renewal                                      | E08XNLL | 8.691,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Add-on for FIPS for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                                | E0BYFLL | 8.691,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Standard Edition Non-Production Environment Simultaneous Session SW Subscription & Support Reinstatement 12 Months                                            | D0J2KLL | 8.691,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on for FIPS for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                                  | E0BYDLL | 8.691,05 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Subscription License                                                                   | D035PZX | 8.686,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Test Workbench Floating User Single Install Monthly License                                                                                                                   | D1BMILL | 8.686,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF RTM Server Install Monthly License                                                                                                                                        | D02YNZX | 8.686,09 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Authorized User Annual SW Subscription & Support Renewal                                                                                                      | E09PILL | 8.664,54 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Automatic Data Lineage Non-Production Resource Unit Advanced Support Subscription License                                                                                              | Z08XKZX | 8.653,43 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics Non-Production Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Subscription License                                                              | D09LUZX | 8.653,43 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Data Privacy Management Application Extended Support Subscription License                                                                                                    | X0515ZX | 8.653,43 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                        | D56P3LL | 8.634,62 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 Warehouse for IBM Cloud Pak for Data Non-Production Virtual Processor Core License + SW Subscription & Support 12Months | D08MTZX | 8.634,62 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Authorized User Single Install Annual SW Subscription & Support Renewal                                         | E0AQBLL | 8.634,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Resource Adapter View Edition Non-Prod Server SW Subscription & Support Reinstatement 12 Months                                                                 | D04CSLL | 8.634,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix OnLine Extended Edition Concurrent Session License + SW Subscription & Support 12 Months                                                                                      | D51QLLL | 8.634,62 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Eclipse Client Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                          | D0H68LL | 8.634,62 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Eclipse Client Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                       | E0AYLLL | 8.634,62 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Authorized User from Rational Application Developer Standard Edition Authorized User Trade Up License + SW Subscription & Support 12 Months | D0H7WLL | 8.634,62 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Select Edition per Storage Device Annual SW Subscription & Support Renewal                                                                                                                             | E0DWFL  | 8.634,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Business Service Manager for the Enterprise Tier 3 Resource Value Unit License + SW Subscription & Support 12 Months                                                                                             | D0I0KLL | 8.634,62 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Non-Production Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                                                        | D03HZZX | 8.614,30 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault On-Premises Non-Production for Business Users per User Value Unit License + SW Subscription & Support 12 Months                                                                         | D05Y9ZX | 8.614,30 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault On-Premises Non-Production for Privileged Users per User Value Unit License + SW Subscription & Support 12 Months                                                                       | D05Y1ZX | 8.614,30 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Integration Reserved Virtual Processor Core Monthly License                                                                                                                                               | D260JLL | 8.590,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Business Continuity Management per Application Extended Support Subscription License                                                                                                                          | X29L3LL | 8.590,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Internal Audit Management Application Extended Support Subscription License                                                                                                                                   | X29KVLL | 8.590,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages IT Governance Application Extended Support Subscription License                                                                                                                                               | X29KRLL | 8.590,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Loss Event Entry per Application Extended Support Subscription License                                                                                                                                        | X29KGLL | 8.590,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Model Risk Governance Application Extended Support Subscription License                                                                                                                                       | X29KZLL | 8.590,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Policy Management Application Extended Support Subscription License                                                                                                                                           | X29KTLL | 8.590,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Regulatory Compliance Management Application Advanced Support Subscription License                                                                                                                            | Z29KXLL | 8.590,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Vendor Risk Management Application Extended Support Subscription License                                                                                                                                      | X29KKLL | 8.590,72 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM watsonx.governance Operational Risk Management Application Advanced Support Subscription License                                                                                                                        | Z0H94ZX | 8.590,72 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Monitor Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                               | D56KQLL | 8.584,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Audit and Investigation per Authorized User License + SW Subscription & Support 12 Months                                                                                                                         | D1R36LL | 8.584,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Scheduler Concurrent User Trade Up from 3 Maximo Asset Management Scheduler Authorized User + SW Subscription & Support 12 Months                                                               | D1Q6ZLL | 8.584,45 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Limited Use Authorized User from Maximo Asset Management Limited Use Authorized User Trade Up Licence + SW Subscription & Support 12 Months                                 | D0S8RLL | 8.584,45 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Limited Use Authorized User from Maximo Asset Management Limited Use Authorized User Trade Up Licence + SW Subscription & Support 12 Months                                   | D0S91LL | 8.584,45 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Limited Use Authorized User from Maximo Asset Management Limited Use Authorized User Trade Up Licence + SW Subscription & Support 12 Months                                | D0S97LL | 8.584,45 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Limited Use Authorized User from Maximo Asset Management Limited Use Authorized User Trade Up Licence + SW Subscription & Support 12 Months                                     | D0S9DLL | 8.584,45 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase Floating User Annual SW Subscription & Support Renewal                                                                                                                            | E012TLL | 8.584,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Small per Resource Value Unit from IBM Sterling Order Management Store Add on per Resource Value Unit Trade Up License + SW Subscription & Support 12 Months | D1033LL | 8.584,45 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Dedicated Node Data Increment Terabyte Overage                                                                                                                        | D1UH7LL | 8.580,98 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Integration Virtual Processor Core Monthly License                                                                                                                                     | D211KLL | 8.542,51 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (251-500) License + SW Subscription & Support 12 Months                                                                                           | D1NDLLL | 8.528,02 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Add On Concurrent User Annual SW Subscription & Support Renewal                                                                                                             | E0NHXLL | 8.528,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Add on Concurrent User Annual SW Subscription & Support Renewal 12 Months                                                                                                     | E0N2YLL | 8.528,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Add On per Concurrent User Annual SW Subscription & Support Renewal                                                                                                        | E0N85LL | 8.528,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Add on Concurrent User Annual SW Subscription & Support Renewal 12 Months                                                                                                       | E0N3JLL | 8.528,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 100 Events per second Annual SW Subscription & Support Renewal 12 Months                                                                        | E0NBMLL | 8.526,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 100 Events Per second Migration from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months                          | D1S1ULL | 8.526,50 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Event Capacity for Non-Production 100 Events per Second Annual SW Subscription & Support Renewal 12 Months                                                                           | E0PLLLL | 8.526,50 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Data Synchronization Application Install Monthly License                                                                                                                             | D28QGLL | 8.521,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Endpoint 45 Mbps Install Annual SW Subscription & Support Renewal                                                                                                                             | E04GIZX | 8.477,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Automation Decision Services Ten Thousand Monthly API Calls SW S&S Reinstate 12 Mo                                                                                                                   | D0DL9ZX | 8.477,85 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Authorized User Value Unit from IBM FileNet Image Services Trade Up License + SW Subscription & Support 12 Months | D0Q2WLL | 8.477,85 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage and QualityStage Designer Workgroup Edition Concurrent User SW Subscription & Support Reinstatement 12 Months                     | D0IPFLL | 8.477,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Document Query Module Concurrent User License + SW Subscription & Support 12 Months                                       | D610HLL | 8.477,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Add On Concurrent User SW Subscription & Support Reinstatement 12 Months                                                      | D1R7MLL | 8.477,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Linear Asset Manager Concurrent User SW Subscription & Support Reinstatement 12 Months                                                          | D1R6LLL | 8.477,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest MultiSite Floating User SW Subscription & Support Reinstatement 12 Months                                                          | D531TLL | 8.477,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (1251-2000) SW Subscription & Support Reinstatement 12 Months                                                           | D1IW6LL | 8.477,85 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | DataStax Enterprise with IBM Virtual Server Subscription License                                                                                           | D04MSZX | 8.465,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway AddOn for B2Bi Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License                    | D26R7LL | 8.465,31 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender for Red Hat OpenShift Virtual Processor Core Subscription License                                                     | D28KHLL | 8.465,31 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | SingleStoreDB Premium with IBM Virtual Server Subscription License                                                                                         | D0943ZX | 8.465,31 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AlchemyAPI Basic for IBM Cloud Instance Pay Per Use                                                                                                    | D1J6TLL | 8.460,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 16x64.1.7tb.ssd Bare Metal SDS (16 cores, 64GB Memory, Raw 1.9TB SSD, 10Gbps Bonded Network) per Instance Pay per Use         | D20B4LL | 8.460,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 16x64.1.9tb.ssd Bare Metal SDS (16 cores, 64GB Memory, Raw 1.9TB SSD, 10Gbps Bonded Network) per Instance Pay per Use       | D01SBZX | 8.460,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | OpenPages Regulatory Compliance Management on Cloud Application Advanced Support per Month                                                                 | E0GL7ZX | 8.456,62 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Processor Value Unit (PVU) LIC + SW S&S 12 MO                                                              | D0ATDZX | 8.421,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Authorized User from Competitor Trade Up License + SW Subscription & Support 12 Months     | D0PP9LL | 8.420,47 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Connector to Centera Storage & Retrieval Resource Value Unit SW Subscription & Support Reinstatement 12 Months                  | D04GXLL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Connector to DR550 Storage & Retrieval Resource Value Unit SW Subscription & Support Reinstatement 12 Months                    | D04H3LL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Connector to Magnetic Storage & Retrieval Resource Value Unit SW Subscription & Support Reinstatement 12 Months                 | D04H5LL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Connector to Snaplock Storage & Retrieval Resource Value Unit SW Subscription & Support Reinstatement 12 Months                 | D04H7LL | 8.420,47 | Manutenção após Vigência  |

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| Real | 12 |  | PPA | 7831 | IBM FileNet Image Services Connector to Sun 5x20 CAS Storage & Retrieval Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                    | D04GTLL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet Image Services Integral SDS Connector to Centra Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                 | D04H9LL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet Image Services Integral SDS Connector to HCAP Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                   | D04IGLL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet Image Services Integral SDS Connector to IBM DR550 Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                              | D04GRLL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet Image Services Integral SDS Connector to SnapLock Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                               | D04HBLL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet Image Services Integral SDS Connector to Sun 5x20 CAS Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                           | D04HDLL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet IS Conn to Non FileNet Optical Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                  | D04NQLL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet P8 Connector to EMC Isilon Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                      | D1B6JLL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet P8 Connector to Centera Storage & Retrieval Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                     | D04GVLL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet P8 Connector to DR550 Storage & Retrieval Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                       | D04GZLL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM FileNet P8 Connector to Snaplock Storage & Retrieval Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                    | D04PSLL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Maximo for Nuclear Power Add On Authorized User SW Subscription & Support Reinstatement 12 Months                                                                             | D0GZ4LL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Maximo for Oil and Gas Add On Authorized User SW Subscription & Support Reinstatement 12 Months                                                                               | D0GZGLL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Maximo for Transportation Add On Authorized User SW Subscription & Support Reinstatement 12 Months                                                                            | D0GZTLL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Maximo for Utilities Add On Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                 | D0H05LL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Rational Build Forge Access Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                 | D60SWLL | 8.420,47 | Manutenção após Vigência  |
| Real | 12 |  | PPA | 7831 | IBM Rational Programming Patterns Web Client Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                     | D1TTKLL | 8.420,47 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Programming Patterns Web Client Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                  | E0NR0LL | 8.420,47 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational SoftwareArchitect Designer Extension for Deployment Planning Authorized User from Competitive Authorized User Trade Up License + SW Subscription & Support 12 Months | D0DYELL | 8.420,47 | Upgrade com Manutenção    |
| Real | 12 |  | PPA | 7831 | IBM Rational Test Virtualization Server Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months                                               | D12X8LL | 8.420,47 | Temporária com Manutenção |
| Real | 12 |  | PPA | 7831 | IBM Rational Test Virtualization Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                            | E0J2TLL | 8.420,47 | Temporária com Manutenção |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Floating User Single Install Monthly License                                         | D08RHZX | 8.398,94 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Authorized User Annual SW Subscription & Support Renewal                                                           | E0AUULL | 8.363,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Standard Edition Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D0B20LL | 8.363,05 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Standard Edition Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E07S4LL | 8.363,05 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Authorized User License + SW Subscription & Support 12 Months                                         | D0PW7LL | 8.363,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Authorized User License + SW Subscription & Support 12 Months (z sellers)                             | D0PW9LL | 8.363,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (751-1250) License + SW Subscription & Support 12 Months                                            | D1N1SLL | 8.363,05 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Private Cloud Editor Authorized User per Annum                                                                              | D157FLL | 8.357,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Experience Pack for Salesforce Install Monthly License                                                                                     | D0EZIZX | 8.339,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Terabyte Extended Support 12 Months                                                            | X07WBZX | 8.339,90 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Fusion Advanced Bare Metal Managed Server Monthly License                                                                          | D0DU1ZX | 8.339,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium for File and Database Encry OVA Live Data Transformation Resource Value Unit                                             | D1V80LL | 8.327,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak System Software Suite Virtual Processor Core Monthly License                                                                     | D26V2LL | 8.319,92 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Transparent Data Encryption per Client Device Annual SW Subscription & Support Renewal         | E0DGEZX | 8.314,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Disaster Recovery 100 Resource Unit Reserved Subscription & Support Reinstatement 12 Months                 | D0CNVZX | 8.314,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Disaster Recovery 100 Resource Unit Subscription & Support Reinstatement 12 Months                          | D0AEMZX | 8.314,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Security (Gen 3) Disaster Recovery 100 Resource Unit SW Subscription & Support Reinstatement                                 | D05MKZX | 8.298,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Terabyte Annual SW Subscription & Support Renewal 12 Months                                            | E0QQ9LL | 8.298,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (251-500) LIC + SW S&S 12 MO                                                                     | D108CLL | 8.298,44 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (251-500) LIC + SW S&S 12 MO                                                          | D107YLL | 8.298,44 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite Server Capacity Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                   | D1VP4LL | 8.298,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Protect Plus for IBM Cloud Pak for Multicloud Management Terabyte SW Subscription & Support Reinstatement 12 Months               | D04MMZX | 8.298,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Voice Gateway 1000 * Thousand Monthly Minutes License + SW Subscription & Support 12 Months                                                | D1STNLL | 8.298,44 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Native Academy - Silver Access per Annum                                                                                             | D0D2FZX | 8.282,52 | Saas                      |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Business Automation as a Service Thousand FlexPoint Overage                                                                                                                     | D21Y6LL | 8.270,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Non-Production without SLA Instance per Month                                                                                                                                 | D21CWLL | 8.270,07 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition Certified Container Virtual Processor Core Trade Up License                                                                                           | D09YGZX | 8.264,65 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Add-on Employee User Value Unit License + SW Subscription & Support 12 Months                                                                            | D04JELL | 8.241,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Employee User Value Unit License + SW Subscription & Support 12 Months                                                                                                 | D04CGLL | 8.241,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software Authorized User Annual SW Subscription & Support Renewal                                                                                | E01MJLL | 8.741,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Application Developer for WebSphere Software for zSeller Authorized User Annual SW Subscription & Support Renewal                                                                    | E035NLL | 8.241,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (13-32) License + SW Subscription & Support 12 Months                                                                                             | D1IWHLL | 8.241,01 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect for Healthcare Install Monthly License                                                                                                                                            | D1QUYLL | 8.214,49 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for Red Hat OpenShift Resource Value Unit Extended Support Subscription Lic                                                                                     | X28SVLL | 8.214,49 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for Rational per Server, Unlimited Contacts SW Support 12 Months                                                                                                 | D0ZJLL  | 8.208,22 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Video Highlights Event per Annum                                                                                                                                                              | D012DZX | 8.207,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Floating User Single Install from Ratl Rose Modeler Floating User Trade Up License + SW Subscription & Support 12 Months           | D0C9QLL | 8.176,40 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Floating User Single Install from Rational Rose Modeler Float User Trade Up License + SW Subscription & Support 12 Months | D0CA3LL | 8.176,40 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Cloud Storage Connector to OpenStack-enabled devices Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                         | D1B6FLL | 8.176,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to EMC Atmos Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                       | D1B6HLL | 8.176,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to Hitachi Content Platform Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                        | D1B6DLL | 8.176,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to S3-enabled devices Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                              | D1W7MLL | 8.176,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced Message Security for Retail Store Edition Store License + SW Subscription & Support 12 Months                                                                                     | D0VL9LL | 8.176,40 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Managed File Transfer Agent for Retail Store Edition Store License + SW Subscription & Support 12 Months                                                                                   | D0VLBLL | 8.176,40 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG & COBOL Tools Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                                     | D0C5JLL | 8.176,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Supply Chain EDI Non-Production for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                               | E0QPALL | 8.176,40 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Starter Edition CURRENCY VALUE UNIT License + SW Subscription & Support 12 Months                                                                           | D0VK9LL | 8.176,40 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Starter Edition with Informix Database CURRENCY VALUE UNIT License + SW Subscription & Support 12 Months                                                    | D0VLDLL | 8.176,40 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (1 to 10,000TB) subscription per Terabyte 36 Months                                                                                                                  | D06CCZX | 8.151,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Informix Advanced Enterprise Edition Modernization Virtual Processor Core Subscription License Upgrade                                                                 | D0525ZX | 8.151,78 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM InfoSphere Virtual Data Pipeline and Optim Data Privacy Terabyte Subscription License                                                                                                     | D29EMLL | 8.151,78 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                                   | D039MZX | 8.151,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Dedicated Add-On 2.0 Instance Advanced Support per Month                                                                                                                     | E0DVTZX | 8.145,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integrated Analytics Environment Instance per Month                                                                                                                                 | D1Q34LL | 8.145,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Foundation Dedicated Add-On 2.0 Instance Advanced Support per Month                                                                                                               | E0DVNZX | 8.145,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Dedicated Add-On 2.0 Instance Advanced Support per Month                                                                                                         | E0FYMZX | 8.145,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Dedicated Add-On Instance Advanced Support per Month                                                                                                                              | E0DWGZX | 8.145,71 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition Processor Value Unit (PVU) from IBM InfoSphere Information Governance Catalog PVU Trade Up License + SW Subscription & Support 12 Months | D0P4XLL | 8.118,98 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Advanced Edition Resource Value Unit License + SW Subscription & Support 12 Months                                                                                      | D0Q0PLL | 8.118,98 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Simultaneous Session License + SW Subscription & Support 12 Months                                                                                        | D0J38LL | 8.118,98 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | Motio CI Testing Environment Virtual Processor Core Subscription License                                                                                                                      | D29LFLL | 8.089,07 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Enterprise Records Non-Production Environment Bronze per Instance per Month                                                                                                         | D1RN3LL | 8.083,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 16x64.4x4tb Bare Metal Medium Data (16 cores, 64GB Memory, 4x4TB SATA RAID10, 10Gbps Bonded Network) per Instance Pay per Use                                    | D1WFWLL | 8.055,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 16x64.4x4tb Bare Metal Medium Data (16 cores, 64GB Memory, 4x4TB SATA RAID10, 10Gbps Bonded Network) per Instance Pay per Use                                  | D01SCZX | 8.055,34 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Availability - Db2 Database Non-Production Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                 | E0Q92LL | 8.054,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Terabyte Annual SW Subscription & Support Renewal                                                                          | E08KWZX | 8.054,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QMF Analytics for Multiplatforms Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                        | D226ELL | 8.054,37 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Call Center Add-on for Red Hat OpenShift User Value Unit License + SW Subscription & Support 12 Months                                        | D26S0LL | 8.054,37 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (1251-2000) from IBM Spectrum Control Advanced Edition Trade Up License + SW Subscription & Support 12 Months                       | D1N2SLL | 8.054,37 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Amos for zEnterprise BladeCenter Extension Authorized User SW Subscription & Support Reinstatement 12 Months                                                                | D0YTRLL | 8.051,45 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integration 1000 FlexPoints Monthly License                                                                                                                                | D1WWZLL | 8.026,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Integration Server Production Source Connection 5 Connections Monthly License                                                                                             | D1D0ELL | 8.026,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Collector Software 15XX Install Monthly License                                                                                                            | D1D39LL | 8.024,94 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx.data Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                           | E0F4RZX | 7.995,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Sysdig Platform Enterprise Agent for IBM Cloud Pak for Multicloud Management Managed Virtual Server SW Subscription and Support Renewal 12 Months                                    | E0R27LL | 7.995,02 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect Virtual Servers High Storage Large Instance Pay per Use                                                                                                      | D01ZWZX | 7.980,00 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics for Non-Production Environment Virtual Processor Core Subscription License                                                                                      | D28CSLL | 7.963,66 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Non-Production Modernization Virtual Processor Core Subscription License Upgrade                                                                                | D03E6ZX | 7.963,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Management Ten Thousand Events Pay Per Use                                                                                                                           | D007JZX | 7.954,01 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos PowerPlay Client User Limited Use Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                            | D071HLL | 7.944,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition Authorized User Single Install from Workgroup Server Edition Authorized User Single Install Trade Up License + SW Subscription & Support 12 Months | D58YTLL | 7.944,85 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Access Floating User Annual SW Subscription & Support Renewal                                                                                               | E03PILL | 7.944,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (251-500) SW Subscription & Support Reinstatement 12 Months                                                                               | D1N1PLL | 7.944,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Gold Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                | D10NCLL | 7.944,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TPF Toolkit Authorized User, Annual SW Subscription & Support Renewal                                                                                                            | E1CVWLL | 7.944,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (1-100) Annual SW Subscription & Support Renewal                                                                                    | E0MP3LL | 7.944,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server for Developers Authorized User License + SW Subscription & Support 12 Months                                                                        | D51JXLL | 7.944,85 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium for Container Data Encryption Resource Value Unit Monthly License                                                                                              | D237ALL | 7.900,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager Enterprise Edition on Cloud Dedicated Add-On Instance Advanced Support per Month                                                                                     | E0FZ6ZX | 7.896,99 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer New Account Fraud for Retail Overage 10 API Calls Overage                                                                                                           | D1VIPLL | 7.896,99 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Client Edition Authorized User Annual SW Subscription & Support Renewal                                                                         | E0BTVLL | 7.888,41 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing 2D Barcode Processing Concurrent User Annual SW Subscription & Support Renewal                                                                  | E03T6LL | 7.888,41 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Scheduler Concurrent User Annual SW Subscription & Support Renewal 12 Months                                                                         | E0N2SLL | 7.888,41 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager Unlimited User Option Processor Value Unit (PVU) from Security Identity Manager Trade Up License + SW Subscription & Support 12 Months  | D06DHLL | 7.888,41 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Small for Red Hat OpenShift per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                       | D26RLLL | 7.888,41 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for SAP Applications Non-Production for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal              | E0QPELL | 7.888,41 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise Processor Value Unit (PVU) from IBM Integration Bus Idle Standby Trade Up License + SW Subscription & Support 12 Months                               | D1YKALL | 7.838,25 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Authorized User from Cognos Analytics Viewer Authorized User Trade Up License + SW Subscription & Support 12 Months                                    | D1KLCLL | 7.838,25 | Upgrade com Manutenção   |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Modernization Reserved Virtual Processor Core Subscription License                                                                                   | D09J4ZX | 7.838,25 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Express User per Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                    | D0ET9LL | 7.838,25 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Contributor Floating User Single Install Annual SW Subscription & Support Renewal                                                      | E0F7RLL | 7.838,25 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Authorized User Single Install license + SW Subscription & Support Reinstatement 12 Months                        | D079XLL | 7.838,25 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Authorized User Single Install license + SW Subscription & Support Reinstatement 12 Months                        | D079ZLL | 7.838,25 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Floating User Single Install Annual SW Subscription & Support Renewal                                             | E08BWLL | 7.838,25 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Floating User Single Install from Authorized User Trade Up License + SW Subscription & Support 12 Months          | D09TDLL | 7.838,25 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Floating User Single Install from Authorized User Trade Up License + SW Subscription & Support 12 Months | D09QPLL | 7.838,25 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Contributor Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                     | D05TALL | 7.838,25 | Manutenção após Vigência |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Contributor Floating User Single Install Annual SW Subscription & Support Renewal                                                                  | E06JILL | 7.838,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                   | DOGNELL | 7.838,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Floating User Single Install Annual SW Subscription & Support Renewal                                                              | E0AQ3LL | 7.838,25 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Archive Viewer Terabyte Monthly License                                                                                                                       | D0D33ZX | 7.838,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express User per Authorized User from Planning Analytics Express TM1 User per Authorized User Trade Up License + SW Subscription & Support 12 Months        | D1RLCLL | 7.838,25 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                           | D0BHCLL | 7.838,25 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                        | E0809LL | 7.838,25 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Datacap Non-Production Environment Bronze Instance Advanced Support per Month                                                                                                      | E0DWJZX | 7.834,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Dev Ops 1000 FlexPoint Monthly License                                                                                                                                   | D1WR2LL | 7.824,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Modernization Virtual Processor Core Subscription License                                                                                              | D03FKZX | 7.824,65 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Integration for Enterprise Per Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                               | D1RH7LL | 7.822,37 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for MultiPlatform Base Per Resource Value Unit Extended Support Subscription License                                                             | X276NLL | 7.775,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics as a Service Essentials Instance per Month                                                                                                                  | D0GX0ZX | 7.772,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Digital Pack per Instance per Month                                                                                                                         | D1T93LL | 7.772,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Operations Dashboard for Oil & Gas - Sites Entity ID Overage                                                                                                       | D1VFVLL | 7.772,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Amos Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                    | D0ENGLL | 7.752,87 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator AddOn for File Gateway Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License                                  | D26QPLL | 7.752,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 16x64 Bare Metal Medium (16 cores, 64GB Memory, 1.7TB SSD, 10Gbps Bonded Network) per Instance Pay per Use                                            | D1WFULL | 7.751,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 16x64 Bare Metal Medium (16 cores, 64GB Memory, 960GB SSD, 10Gbps Bonded Network) per Instance Pay per Use                                          | D01SAZX | 7.751,36 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition Authorized User Single Install from Qualified Competitor Authorized User Single Install Trade Up License + SW Subscription & Support 12 Months   | D58YULL | 7.731,65 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct Endpoint Install Annual SW Subscription & Support Renewal 12 Months                                                                       | E0KPBLL | 7.731,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition User Option Authorized User Single Install from Informix WRKGRP ED Auth User Single Install Trade Up License + SW Subscription & Support 12 Months | D0D5ULL | 7.731,65 | Upgrade com Manutenção    |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Express Use Authorized User Licence + SW Subscription & Support 12 Months                                                                    | D0S8KLL | 7.731,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Scheduler Authorized User SW Subscription & Support Reinstatement 12 Months                                                                  | D0AYVLL | 7.731,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                          | D0J0ULL | 7.731,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Open XL Fortran for AIX Authorized User Annual SW Subscription & Support Renewal                                                                                         | E1APULL | 7.731,65 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Maximo Enterprise Adapter SAP Applications Server Extended Support Subscription License                                                                              | X0FTKZX | 7.712,84 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager Enterprise Edition on Cloud NPE Bronze Instance Advanced Support per Month                                                                               | E0FZ8ZX | 7.710,44 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Essentials Edition Connection Trade Up License                                                                                                  | D0833ZX | 7.688,26 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flows Capacity 10K Flows Per Minute Monthly License                                                                                                  | D1RQCLL | 7.686,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center Developer Edition Floating User Single Session Monthly License                                                                          | D29K3LL | 7.681,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data 100 Thousand Documents Monthly License                                                              | D28X2LL | 7.681,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Legal Authorized User License + SW Subscription & Support 12 Months                                                                              | D1NCZLL | 7.675,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap 1000 External Pack User Value Unit Annual SW Subscription & Support Renewal                                                                                  | E0K27LL | 7.675,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG & COBOL Tools Authorized User License + SW Subscription & Support 12 Months                                                             | D0C5FLL | 7.675,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for Multiplatform Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                         | D58BELL | 7.675,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Floating User Single Install SW Subscription & Support Reinstatement 12 Months | D0DADLL | 7.675,21 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Content Intelligence Cartridge for Cloud Pak for Data Install Advanced Support Subscription License                                                 | Z26CSLL | 7.650,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Case Manager Non-Production Environment Silver 2.0 Instance Advanced Support per Month                                                                                   | E0DVWZX | 7.648,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Foundation Non-Production Environment Silver 2.0 Instance Advanced Support per Month                                                                         | E0G0KZX | 7.648,26 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Authorized User Value Unit License + SW Subscription & Support 12 Months                                                                             | D07A7LL | 7.625,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Contributor Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                   | D1JPULL | 7.625,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Authorized User Value Unit License + SW Subscription & Support 12 Months                                                                     | D04AVLL | 7.625,05 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Small Instance Pay Per Use                                                                                                                          | D20C6LL | 7.599,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Enterprise for Manufacturing Install Monthly License                                                                                                     | D0AU2ZX | 7.587,43 | Saas                      |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Modernization Reserved Virtual Processor Core Advanced Support Subscription License                                                            | Z09J0ZX | 7.587,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Case Manage Copper 2.0 Instance Advanced Support per Month                                                                                                                   | E0FYBZX | 7.586,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Automation Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                            | D05KAZX | 7.566,22 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect Virtual Servers Standard Storage Large Instance Pay per Use                                                                                          | D01ZZZX | 7.560,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager Enterprise Edition Connector for Relational Databases Authorized Connector Monthly License                                                               | D1D6XLL | 7.524,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Operational Risk Management Application Advanced Support Subscription License                                                                                  | Z29KPLL | 7.524,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Account Lifecycle Manager On-Premises for Users Authorized User LIC + SW S&S 12 MO                                                             | D06T2ZX | 7.524,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Contributor Floating User Single Install Annual SW Subscription & Support Renewal 12 Months                                        | E0M37LL | 7.508,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst for Workgroups Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D0W8YLL | 7.508,80 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst for Workgroups Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0FWILL | 7.508,80 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional for Workgroups Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months          | D0VKQLL | 7.508,80 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional for Workgroups Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months       | E0FAHLL | 7.508,80 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer Authorized User Single Install Annual SW Subscription & Support Renewal                                                        | E0AQ0LL | 7.508,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for Workgroups Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                 | D0GHULL | 7.508,80 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for Workgroups Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months              | E0AMELL | 7.508,80 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Virtual SIEM Event Capacity Increase of 100 EPS Failover Install Annual SW Subscription & Support Renewal                                                | E0G39LL | 7.496,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Virtual SIEM Flow Capacity Increase from 15K to 25K FPM Failover Install Annual SW Subscription & Support Renewal                                        | E0G3DLL | 7.496,56 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Software Architect Designer for WebSphere Software Floating User Single Install Monthly License                                                                 | D1BMCLL | 7.462,01 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Speech to Text Library for Embed (125,000 Monthly Minutes) Subscription License                                                                                   | D0CY6ZX | 7.462,01 | Assinatura                |

|      |    |                                                |      |      |                                                                                                                                                      |         |          |                           |
|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Enterprise as a Service Ten Thousand Virtual Processor Core-Hour Advanced Support per Annum                                          | E0G07ZX | 7.461,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Premium Instance Additional 512GB Memory for 1TB Total Memory per Instance per Month                                          | D22RNLL | 7.461,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Essentials Edition Annual 1000 Documents Overage                                                                   | D0H0GZX | 7.461,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising Essentials Edition Hundred Thousand Order Lines Overage                                                           | D0H10ZX | 7.461,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Insights-AddOn-Resource Thousand Shipment Records per Month                                                                  | D00N8ZX | 7.461,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Insights-Enterprise-Standard Edition-Base-Resource Item Pay per Use                                                          | D00N5ZX | 7.461,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User per Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                           | D10AKLL | 7.444,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Command Center Express Edition for Non-Production Environment Install Annual SW Subscription & Support Renewal                            | E0KLYLL | 7.444,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Integration Server Express Edition for Non-Production Environment Install Annual SW Subscription & Support Renewal                        | E0KLWLL | 7.444,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management Advanced Authorized User Annual SW Subscription & Support Renewal                                                  | E0NU2LL | 7.444,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS family Authorized User SW Subscription & Support Renewal                                               | E074XLL | 7.444,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Authorized User Single Install license Annual SW Subscription & Support Renewal           | E060ILL | 7.444,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Stakeholder Floating User Single Install SW Subscription & Support Reinstatement 12 Months                       | D0GPDLL | 7.444,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition Floating User Single Install Annual SW Subscription & Support Renewal | E0HMRLL | 7.444,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | InfoSp Optim Archive Enterprise Ed Accelerator or Oracle Applications Processor Value Unit (PVU) LIC + SW S&S 12 MO                                  | D0AT5ZX | 7.411,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | InfoSphere Optim Management Test Data Enterprise Edition Processor Value Unit (PVU) LIC + SW S&S 12 MO                                               | D0BB0ZX | 7.411,85 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Business 10 Client Devices Overage                                                                                       | D1WG8LL | 7.399,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Retail 100 Client Devices Overage                                                                                        | D1WG4LL | 7.399,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | OpenPages Operational Risk Management on Cloud Application Advanced Support per Month                                                                | E0G56ZX | 7.399,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Cognos Analytics User Reserved Virtual Processor Core Extended Support Subscription License                                   | X09IYZX | 7.399,31 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM watsonx.governance Model Risk Governance Application Advanced Support Subscription License                                                       | Z0H8WZX | 7.399,31 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Nuclear Power Concurrent User Monthly License                                                                                         | D1SB0LL | 7.393,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Oil and Gas Concurrent User Monthly License                                                                                           | D1Q7HLL | 7.393,94 | Saas                      |



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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Transportation Concurrent User Monthly License                                                                                                                | D1R6XLL | 7.393,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Utilities Concurrent User Monthly License                                                                                                                     | D1QALLL | 7.393,94 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Employee User Value Unit from Entry-Level Employee User Value Unit Trade Up License + SW Subscription & Support 12 Months                                        | D0T5DLL | 7.386,76 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Solutions Accelerator Client Edition Authorized User Annual SW Subscription & Support Renewal                                               | E0D9ZLL | 7.386,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DevOps for IBM Cloud Paks for Resource Unit from Prior Programs Trade Up License + Subscription and Support 12 Months                                                    | D28IYLL | 7.386,76 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Configuration Manager Authorized User Annual SW Subscription & Support Renewal                                                                              | E04QQLL | 7.386,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Limited Use per Resource Value Unit License + SW Subscription & Support 12 Months                                                                         | D16G8LL | 7.386,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Advanced Edition Resource Value Unit from Platform Symphony Express Edition Resource Value Unit Trade Up License + SW Subscription & Support 12 Months | D0Q1LLL | 7.386,76 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Analytic Server Hadoop Pushback Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                               | D100CLL | 7.386,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Analytic Server Hadoop Pushback zEnterprise BladeCenter Extension Resource Value Unit SW Subscription & Support Reinstatement 12 Months                             | D100ELL | 7.386,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                            | D0IZ2LL | 7.386,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Medium for Red Hat OpenShift per Resource Value Unit Annual SW Subscription & Support Renewal                           | E0QP0LL | 7.386,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Small per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                  | D0ZZQLL | 7.386,76 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Subscription License                                                        | D09J8ZX | 7.336,60 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                        | D0C1BZX | 7.336,60 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Config Price Quote Add on Certified Container Resource Value Unit Advanced Support Subscription License                                            | Z28LNLL | 7.336,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                 | D03IWZX | 7.322,15 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Industry Solutions Workbench Non-Production Virtual Processor Core Subscription License                                                                                  | D27CQLL | 7.322,15 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Build Forge QuickReport Standard Edition Server Monthly License                                                                                                 | D1BHTLL | 7.322,15 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Enterprise Edition Virtual Server LIC + SW S&S 12 MO                                                                  | D08QDZX | 7.322,15 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Plus 10 Managed Virtual Servers SW Subscription & Support Reinstatement 12 Months                                                                        | D1VBULL | 7.322,15 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Plus Capacity per Terabyte SW Subscription & Support Reinstatement 12 Months                                                         | D1X28LL | 7.322,15 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Premium with access management integration 10 Eligible Participants Advanced Support 12 Months                              | E0DWBZX | 7.320,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Premium with access management integration 100 Eligible Participants Advanced Support 12 Months                             | E0DWAZX | 7.320,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech Services Cartridge for IBM Cloud Pak for Data Additional Capacity 8 Virtual Processor Cores Extended Support Subscription License      | X26ADLL | 7.273,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Integration Hub Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                            | D0YQDLL | 7.264,73 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Integration Hub Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                         | E0H1XLL | 7.264,73 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D272WLL | 7.264,73 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0QSKLL | 7.264,73 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Quality and Governance Processor Value Unit (PVU) License + SW Subscription & Support 12 Months               | D0P35LL | 7.264,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Extension for VSE Authorized User Annual SW Subscription & Support Renewal                                               | E0669LL | 7.264,73 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Dedicated Hardware Firewall - High Availability Instance per Month                                                                             | D1I44LL | 7.252,49 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM COBOL for AIX Concurrent User Monthly License                                                                                                        | D1BDSLL | 7.250,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ILOG CPLEX Optimizer Single User Edition Client Device Monthly License                                                                               | D1809LL | 7.250,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Test Automation Server Professional Floating User Single Install Subscription License                                                       | D02KXZX | 7.250,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (1 to 5,000TB) subscription per Terabyte 24 Months                                                                              | D06C6ZX | 7.211,19 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning TM1 Explorer Authorized User License + SW Subscription & Support 12 Months                                                | D0C10LL | 7.198,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Cursive Recognition for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                  | D1JZLLL | 7.198,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Network Scanning Device Resource Value Unit License + SW Subscription & Support 12 Months                                                    | D16S5LL | 7.198,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Occasional Authorized User Value Unit License + SW Subscription & Support 12 Months                                                          | D16RPLL | 7.198,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (101-250) Annual SW Subscription & Support Renewal                                                      | E0MP4LL | 7.198,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (2001+) SW Subscription & Support Reinstatement 12 Months                                               | D1N2ULL | 7.198,65 | Manutenção após Vigência  |

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| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer New Account Fraud for Retail 10 API Calls per Annum                                                                                                         | D1VIMLL | 7.178,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect Dedicated DNS Small Location per Month                                                                                                                   | D0GNBZX | 7.150,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Financial Controls Management Application Extended Support Subscription License                                                                            | X29KMLL | 7.148,48 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Security Verify Privilege On-Premises 1000 FlexPoint License + SW Subscriptn and Support 12 Months                                                          | D28Z2LL | 7.148,48 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM Spectrum Virtualize Virtual Processor Core Monthly License                                                                  | D08TTZX | 7.148,48 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Modernization Authorized User From IBM Cognos Analytics Explorer Per Authorized User Trade Up License + Subscription and Support 12 Months | D03D4ZX | 7.139,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Integration Designer per Authorized User Annual SW Subscription & Support Renewal                                                                                    | E0BRLLL | 7.139,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase MultiSite Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                          | D0BH5LL | 7.139,11 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase MultiSite Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                       | E0802LL | 7.139,11 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                         | D59RGLL | 7.139,11 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                      | E033YLL | 7.139,11 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Professional Bundle Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                                          | D0BKHLL | 7.139,11 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Professional Bundle Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                       | E083ELL | 7.139,11 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Standard Activity Monitor for Data Warehouses Resource Value Unit (TB) SW Subscription & Support Reinstatement 12 Months                           | D1E0BLL | 7.139,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Advanced Non-Prod Certified Container Virtual Processor Core Monthly License                                                                 | D08CCZX | 7.128,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM VIDEO STREAMING - PLATINUM EDITION INSTANCE PER MONTH                                                                                                                | D1TDPLL | 7.111,36 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Business Premium Support 10 Client Devices per Annum                                                                                            | D1WG9LL | 7.103,52 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Retail Premium Support 100 Client Devices per Annum                                                                                             | D1WG5LL | 7.103,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Cartridge for Cloud Pak for Data Virtual Processor Core Advanced Support Subscription License                                              | Z03HIZX | 7.085,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for Databases Resource Value Unit Monthly License                                                                                  | D1NBULL | 7.085,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual 1000 External Pack User Value Unit License + SW Subscription & Support 12 Months                                                               | D1HGFL  | 7.078,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Player Add On Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                   | D09C3LL | 7.078,08 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Player Add On Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0731LL | 7.078,08 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition for SAP Applications Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months    | D16N5LL | 7.078,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Database Services per Resource Value Unit (MAPC) License + SW Subscription & Support 12 Months                  | D277ALL | 7.078,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (1-100) Annual SW Subscription & Support Renewal                                                                       | E0LW4LL | 7.078,08 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Standard Services Map On-Demand Setup                                                                         | D0MK1LL | 7.026,45 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Standard Services Map Set Up                                                                                  | D0MPMLL | 7.026,45 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Endpoint 100Mbps Resource Value Unit Monthly License                                                                       | D1W4QLL | 7.023,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BigInsights BigIntegrate for Non Production Environments Virtual Server Monthly License                                                               | D1J5CLL | 7.023,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Integration Server Starter Edition for Non-Production Environment Install Monthly License                                                      | D17NILL | 7.023,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Modernization Reserved Virtual Processor Core Extended Support Subscription License                                                | X09NRZX | 7.023,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Modernization Virtual Processor Core Extended Support Subscription License                                                         | X0368ZX | 7.023,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Modernization for Non-Production Environment Reserved Virtual Processor Core Extended Support Subscription Lic                              | X09M9ZX | 7.023,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | OpenPages Modernization for Non-Production Environment Virtual Processor Core Extended Support Subscription Lic                                           | X294ULL | 7.023,07 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer Floating User Single Install Annual SW Subscription & Support Renewal                              | E0AGPLL | 6.985,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Floating User Single Install SW Subscription and Support Renewal 12 Months                          | E0QSLLL | 6.985,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Optim High Performance Unload Virtual Processor Core Annual SW Subscription & Support Renewal                                                         | E07Y9ZX | 6.985,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Big Data Resource Value Unit (MVS) Annual SW Subscription & Support Renewal 12 Months                           | E0MQPLL | 6.985,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Protect for Workstations 25 Client Devices License + SW Subscription & Support 12 Months                                                     | D1IVFLL | 6.985,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite - Archive Option Terabyte License + SW Subscription & Support 12 Months                                                         | D1IMMLL | 6.985,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite - IBM Cloud Object Storage Option Managed Terabyte License + SW Subscription & Support 12 Months                                | D1V8ILL | 6.985,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | InfoSphere Optim Test Data Management Enterprise Edition Accelerator for Oracle Applications Processor Value Unit (PVU) SW S&S Reinstatement 12 Mo        | D0B9WZX | 6.985,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Open XL CC++ for AIX Authorized User Annual SW S&S Rnwl                                                                                                   | E1AHNLL | 6.985,45 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Events for Salesforce Install Monthly License                                                                                                      | D0EZEZX | 6.960,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Ideas for Salesforce Install Monthly License                                                                                                       | D0EZMXZ | 6.960,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Job Board for Salesforce Install Monthly License                                                                                                   | D0EZRZX | 6.960,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning Adventure for Salesforce Install Monthly License                                                                                          | D0EZZZX | 6.960,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Member Onboarding for Salesforce Install Monthly License                                                                                           | D0F07ZX | 6.960,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM News for Salesforce Install Monthly License                                                                                                        | D0F0BZX | 6.960,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Catalog for Salesforce B2B Commerce Install Monthly License                                                                                | D0F0JZX | 6.960,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Catalog for Salesforce Install Monthly License                                                                                             | D0F0FZX | 6.960,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Reviews and Ratings for Salesforce Install Monthly License                                                                                         | D0F0NZX | 6.960,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium for Application Encryption Resource Value Unit Monthly License                                                                   | D1V7ILL | 6.960,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium for File and Database Encryption Resource Value Unit Monthly License                                                             | D1Q2GLL | 6.960,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium for Tokenization Resource Value Unit Monthly License                                                                             | D1V7HLL | 6.960,37 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling File Gateway AddOn for B2Bi Enterprise Edition Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License           | D28LJLL | 6.960,37 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM View for Salesforce Install Monthly License                                                                                                        | D0F10ZX | 6.960,37 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network PCAP Direct Attached Storage Appliance-C BCSU Appliance Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0QS5LL | 6.954,38 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF RTM Server Install Subscription License                                                                                               | D02YPZX | 6.948,87 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM B2B Gateway Pack Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                      | D1QURLL | 6.929,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication VSAM for Z/OS Remote Source Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                 | D25ZCLL | 6.929,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS for HP Quality Center Interface Floating User SW Subscription & Support Reinstatement 12 Months          | D09F4LL | 6.929,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody TestConductor Add On Authorized User Annual SW Subscription & Support Renewal                                  | E0797LL | 6.929,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Express Edition CPU Option Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                      | E0PTSLL | 6.929,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Advanced Activity Monitor for Files Resource Value Unit SW Subscription & Support Reinstatement 12 Months                        | D1GPTLL | 6.929,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager for Applications Single Agent Resource Value Unit SW Subscription & Support Reinstatement 12 Months           | D0V31LL | 6.929,01 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Integration Reserved Virtual Processor Core SUBSCRIPTION LICENSE                                                                     | D0807ZX | 6.897,66 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Integration Virtual Processor Core Subscription License                                                                              | D2689LL | 6.897,66 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Recovery Feature Virtual Processor Core Monthly License                                                                               | D1MTTLL | 6.897,66 | Saas                      |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages SDI Connector for UCF Common Controls Hub per Application Monthly License                                                                                                                  | D1TDFLL | 6.897,66 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Data Collector for Cisco ACI LAB Install Subscription License                                                                                                                                 | D0BHGXZ | 6.897,66 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Care Manager Community Service Payment - Government 100 Persons Overage                                                                                                                       | D20UJLL | 6.897,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Care Manager Connect Providers - Government 100 Persons Overage                                                                                                                               | D1XE0LL | 6.897,66 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Floating User Single Install from Ratl Rose Dev for Java or Rose for Visual Studio Trade Up License + SW Subscription & Support 12 Months | D0C9RLL | 6.878,85 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Integration Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                          | D0P4MLL | 6.878,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Internal Service Providers Authorized User License + SW Subscription & Support 12 Months                                                                                     | D04Y0LL | 6.878,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Managed Service Providers Limited Use Authorized User SW Subscription & Support Reinstatement 12 Months                                                                      | D04XTLL | 6.878,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Calibration Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                                                 | D1R7VLL | 6.878,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Telemetry Advanced Retail Store Editon per 100 Client Devices Annual SW Subscription & Support Renewal                                                                                            | E0DB6LL | 6.878,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                            | D0J1GLL | 6.878,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Indoor Maps - 2,350 SQM Per Item SW Subscription & Support Reinstatement 12 Months                                                                                                           | D06M2ZX | 6.878,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Indoor Maps - 25,000 SQ FT Per Item SW Subscription & Support Reinstatement 12 Months                                                                                                        | D06M6ZX | 6.878,85 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AptioOne Plus Tier Greater than 1B Annual IT Spend Under Management per Annum                                                                                                                        | D0GWZZX | 6.842,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 4x32.1.7tb.ssd Bare Metal SDS (4 cores, 16GB Memory, Raw 1.9TB SSD, 10Gbps Bonded Network) per Instance Pay per Use                                                         | D20B5LL | 6.839,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 4x32.1.9tb.ssd Bare Metal SDS (4 cores, 16GB Memory, Raw 1.9TB SSD, 10Gbps Bonded Network) per Instance Pay per Use                                                       | D01SHZX | 6.839,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Enterprise for non-production Virtual Processor Core Monthly License                                                                                                                     | D1WVGLL | 6.834,95 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Mart Pattern for Non Production Environment Virtual Server Monthly License                                                                                                                      | D19NYLL | 6.834,95 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Accelerate on Cloud Capacity Add-On 20TB per Instance One Time Setup                                                                                                                        | D1J45LL | 6.834,95 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Accelerate on Cloud Performance Add-On 20TB per Instance One Time Setup                                                                                                                     | D1J44LL | 6.834,95 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transactional Database Pattern for Non Production Environment Virtual Server Monthly License                                                                                                         | D19NXLL | 6.834,95 | Saas                      |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Services Toolkit Client Device Monthly License                                                                                       | D1D9KLL | 6.834,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Management Internal Service Providers Install Monthly License                                                                         | D18QUll | 6.834,01 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Advanced Support for Runtime Frameworks Virtual Processor Core SW Support 12 Months                                                                | D1VS0LL | 6.822,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 100Mbps Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                 | E0P21LL | 6.822,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 100Mbps Resource Value Unit from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months     | D1YG9LL | 6.822,41 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Dev Ops 1000 FlexPoint License + SW Subscription & Support 12 Months                                                                         | D1WQVLL | 6.822,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Integration 1000 FlexPoint License + SW Subscription & Support 12 Months                                                                     | D1VYQLL | 6.822,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Web Administrator Authorized User Annual SW Subscription & Support Renewal                                                        | E060SLL | 6.822,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Merge Backup Virtual Processor Core Annual SW Subscription & Support Renewal                                                                   | E07XRZX | 6.822,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite Capacity User Value Unit License + SW Subscription & Support 12 Months                                                          | D1VP0LL | 6.822,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Red Hat OpenShift Virtual Processor Core (VPC) SW Subscription & Support Reinstatement 12 Months               | D27J5LL | 6.822,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Medium per Resource Value Unit Annual SW Subscription & Support Renewal                                    | E0HRWLL | 6.822,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite - ProtecTIER Option Terabyte Annual SW Subscription & Support Renewal                                                        | E0LUKLL | 6.822,41 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Account Lifecycle Manager Engines Instance Advanced Support 12 Months                                                    | E0E91ZX | 6.812,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar SOAR Team Management Add-On per User Value Unit (Authorized User) Monthly License                                                  | D22R4LL | 6.783,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise as a Service Hundred Thousand API Calls Overage                                                                             | D09ZUZX | 6.777,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Endpoint 1 Gbps Install Monthly License                                                                                                     | D04FJZX | 6.772,25 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Virtual Processor Core Subscription License                                                                                | D28CYLL | 6.772,25 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Privacy Risk Assessment for Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal                                | E0AKFZX | 6.772,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for Rational 4GL Authorized User, Unlimited Contacts SW Support 12 Months                                             | D12F3LL | 6.772,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Floating User Single Install SW Subscription & Support Reinstatement 12 Months          | D09FYLL | 6.772,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Floating User Single Install SW Subscription & Support Reinstatement 12 Months | D09I0LL | 6.772,25 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Add-On 1000 External Pack User Value Unit SW Subscription & Support Reinstatement 12 Months               | D1AUNLL | 6.772,25 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Virtual Data Pipeline Terabyte Monthly License                                                                               | D225BLL | 6.772,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Standard Edition Connection Annual SW Subscription & Support Renewal 12 Months                                     | E0PXRL  | 6.772,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Standard Activity Monitor for Big Data Resource Value Unit (MVS) SW Subscription & Support Reinstatement 12 Months    | D1E01LL | 6.772,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Sentinel Terabyte from IBM Spectrum Copy Data Management Trade up License                                                      | D0AACZX | 6.772,25 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Director Non-Production Resource Value Unit SW Subscription & Support Reinstatement 12 Months                   | D24X8LL | 6.772,25 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Life Sciences Concurrent User Monthly License                                                                                | D1R7FLL | 6.755,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Sentinel Terabyte LIC + SW S&S 12 MO                                                                                           | D0AA7ZX | 6.715,81 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Application Business Insights for IBM Cloud Paks Authorized User Annual SW Subscription & Support Renewal 12 Months               | E0QTPLL | 6.711,97 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Player Add On Floating User Single Install Annual SW Subscription & Support Renewal | E077MLL | 6.711,97 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Development Authorized User for zSeries (S/390) SW Subscription & Support Reinstatement 12 Months                 | D52APLL | 6.711,97 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Development Authorized User SW Subscription & Support Reinstatement 12 Months                                     | D6DFPLL | 6.711,97 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Development Registered Authorized User SW Subscription & Support Reinstatement 12 Months                               | D6DGDLL | 6.711,97 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Development Authorized User for zSeries (S/390) License + SW Subscription & Support 12 Months                              | D52AYLL | 6.711,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Development Registered User License + SW Subscription & Support 12 Months                                                  | D6DJ9LL | 6.711,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Scan or Image Import Concurrent User Annual SW Subscription & Support Renewal                              | E03T5LL | 6.711,97 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Modernization Virtual Processor Core Subscription License Upgrade                                               | D03FJZX | 6.709,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM StoredIQ Policy Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                | D1X5DLL | 6.665,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Standard User Authorized User SW Subscription & Support Reinstatement 12 Months                                       | D0C2RLL | 6.650,97 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Authorized User SW Subscription & Support Reinstatement 12 Months           | D09FDLL | 6.650,97 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months           | D0P1FLL | 6.650,97 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM LoadLeveler for Linux on x86 Architecture with 5 or more sockets Install Annual SW Subscription & Support Renewal                       | E0DI7LL | 6.650,97 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local Enterprise User Authorized User Annual SW Subscription & Support Renewal                                       | E0N8SLL | 6.650,97 | Manutenção após Vigência  |



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| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (1251-2000) License + SW Subscription & Support 12 Months                                                     | D1N1ULL | 6.650,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Data Manager Simultaneous Session Annual SW Subscription & Support Renewal 12 Months                                                    | E02ZDZX | 6.650,97 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM System Storage SAN Volume Controller Entry Edition Base Virtualizaiton Disk Drive License + SW Subscription & Support 12 Months                      | D0581LL | 6.650,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Unified Governance and Integration Platform 1000 Flexpoints License + SW Subscription & Support 12 Months                                            | D1WNDLL | 6.650,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Server Agent Managed Virtual Server SW Subscription & Support Reinstatement 12 Months                                               | D12TQLL | 6.650,97 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Business Automation Virtual Processor Core Monthly License                                                                             | D20RNLL | 6.646,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Enterprise Edition Modernization Virtual Processor Core Subscription License Upgrade                                                        | D03RDZX | 6.646,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Cartridge for IBM CPD for Non-Production Environment Reserved Virtual Processor Core Extended Support Subscription Lic                     | X09MAZX | 6.646,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Collaboration and Deployment Services Deployment Manager Concurrent User Monthly License                                                        | D17QSLL | 6.646,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Fusion Advanced Bare Metal Managed Server Subscription License                                                                               | D0DU3ZX | 6.646,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Test RealTime Floating User Monthly License                                                                                                 | D1BEWLL | 6.640,19 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted Advanced Small Paygo Instance Pay Per Use                                                                                                 | D1PW4LL | 6.636,79 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Backup Capacity Expansion Terabyte SW S&S Reinstat 12 Months                                                                          | D09QEZX | 6.609,21 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault for Privilege User Non Production Authorized User per Annum                                                          | D05QBZX | 6.603,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Business Automation as a Service Thousand FlexPoint per Month                                                                          | D21Y5LL | 6.591,19 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Dedicated Node Data Increment Terabyte per Month                                                                      | D1UH3LL | 6.591,19 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect Enhanced Monitor Interval Access per Month                                                                                               | D0GNCZX | 6.591,19 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Authorized User from Competitor Trade Up License + SW Subscription & Support 12 Months | D0PPDLL | 6.589,94 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Processor Value Unit (PVU) Trade Up from IBM ODM Server Express Processor Value Unit (PVU) License + SW Subscription & Support 12 Months  | D0Z50LL | 6.589,94 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest MultiSite Floating User Initial Fixed Term License + SW Subscription & Support 12 Months                                         | D0BHFLL | 6.589,94 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest MultiSite Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                      | E080CLL | 6.589,94 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for SAP HANA per Resource Value Unit (MAPC) Annual SW Subscription & Support Renewal 12 Months                     | E0QG7LL | 6.589,94 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (501-750) Annual SW S&S Rnwl                                                                                  | E0LUZLL | 6.589,94 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (501-750) Annual SW S&S Rnwl                                                                                              | E0LV9LL | 6.589,94 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Platform Private Cloud Base EDH with IBM E Flex Virtual Server Subscription License                                                                    | D288YLL | 6.584,13 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Platform Private Cloud Base with IBM Virtual Server Subscription License                                                                               | D277HLL | 6.584,13 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Virtual Processor Core Advanced Support Subscription License                                                                           | Z28CWLL | 6.584,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Cartridge for IBM Cloud Pak for Data Virtual Processor Core Extended Support Subscription License                                             | X034SZX | 6.584,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Insight Standard Edition Floating User Monthly License                                                                                                  | D1BJMLL | 6.584,13 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise Processor Value Unit (PVU) from App Connect Standard Trade Up License + SW Subscription & Support 12 Months                               | D03PWLL | 6.528,93 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise Processor Value Unit (PVU) from IBM App Connect Professional Trade Up License + SW Subscription & Support 12 Months                       | D1WVDLL | 6.528,93 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center CPLEX Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                               | D0955LL | 6.528,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express TM1 User Authorized User SW Subscription & Support Reinstatement 12 Months                                                            | D1R8LLL | 6.528,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Access Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                     | D0BIULL | 6.528,93 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Access Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                  | E081RLL | 6.528,93 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Premium Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                | D22IALL | 6.528,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Amos Concurrent User Annual SW Subscription & Support Renewal                                                                                               | E09QRLL | 6.528,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Amos for zEnterprise BladeCenter Extension Concurrent User Annual SW Subscription & Support Renewal                                                         | E0H46LL | 6.528,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                              | D0IZPLL | 6.528,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Standard Edition for Non-Production Environment Simultaneous Session Initial Fixed Term License + SW Subscription & Support 12 Months    | D0IYWLL | 6.528,93 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Standard Edition for Non-Production Environment Simultaneous Session Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0BVNLL | 6.528,93 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Standard Edition Simultaneous Session Annual SW Subscription & Support Renewal                                                           | E0BX3LL | 6.528,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 1-12 License + SW Subscription & Support 12 Months                                                                         | D1IKZLL | 6.528,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition per Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                | D1GUTLL | 6.526,23 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (above 10,000TB) subscription per Terabyte 36 Months                                                                | D06CDZX | 6.521,42 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation Platform Install Subscription License                                                                         | D299TLL | 6.518,15 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Invoice Add On for Coupa per 1000 Document Annual Subscription with Support                                                              | D1M3HLL | 6.514,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Authorized User License + SW Subscription & Support 12 Months                                                        | D0QTBLL | 6.502,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Evidence Broker Authorized User License + SW Subscription & Support 12 Months                                                      | D0S5SLL | 6.502,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Income Support for Medical Assistance Authorized User License + SW Subscription & Support 12 Months                                | D0QUALL | 6.502,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Life Event Management Authorized User License + SW Subscription & Support 12 Months                                                | D0S5ZLL | 6.502,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Integration for Enterprise Non-Production Environments Per Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D1RHCLL | 6.474,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Authorized User SW Subscription & Support Reinstatement 12 Months                                               | D0ELMLL | 6.467,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Categories Authorized User SW Subscription & Support Reinstatement 12 Months                                                        | D0ELELL | 6.467,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Complex Samples Authorized User SW Subscription & Support Reinstatement 12 Months                                                   | D0ELALL | 6.467,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Conjoint Authorized User SW Subscription & Support Reinstatement 12 Months                                                          | D0EL6LL | 6.467,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Custom Tables Authorized User SW Subscription & Support Reinstatement 12 Months                                                     | D0ELRLL | 6.467,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Decision Trees Authorized User SW Subscription & Support Reinstatement 12 Months                                                    | D0EMLLL | 6.467,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Authorized User SW Subscription & Support Reinstatement 12 Months                                                  | D0EMHLL | 6.467,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Exact Tests Authorized User SW Subscription & Support Reinstatement 12 Months                                                       | D0EMDLL | 6.467,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Forecasting Authorized User SW Subscription & Support Reinstatement 12 Months                                                       | D0EMBLL | 6.467,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Missing Values Authorized User SW Subscription & Support Reinstatement 12 Months                                                    | D0EM5LL | 6.467,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Neural Networks Authorized User SW Subscription & Support Reinstatement 12 Months                                                   | D0EM1LL | 6.467,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Regression Authorized User SW Subscription & Support Reinstatement 12 Months                                                        | D0EL2LL | 6.467,90 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Business Continuity Management per Application Advanced Support Subscription License                                           | Z29L3LL | 6.458,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Data Privacy Management Application Advanced Support Subscription License                                                      | Z0515ZX | 6.458,72 | Saas                      |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Internal Audit Management Application Advanced Support Subscription License                                                                               | Z29KVLL | 6.458,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages IT Governance Application Advanced Support Subscription License                                                                                           | Z29KRLL | 6.458,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Loss Event Entry per Application Advanced Support Subscription License                                                                                    | Z29KGLL | 6.458,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Model Risk Governance Application Advanced Support Subscription License                                                                                   | Z29KZLL | 6.458,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Policy Management Application Advanced Support Subscription License                                                                                       | Z29KTLL | 6.458,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Vendor Risk Management Application Advanced Support Subscription License                                                                                  | Z29KKLL | 6.458,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Team Management on Cloud Add-On (CU) Concurrent User Overage                                                                                          | D22UCLL | 6.458,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for Sterling File Gateway Standard for Non-Production Environment Install Monthly License 12 Months                                 | D1FR9LL | 6.458,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Systems - Storage Scale Data Access Edition for Flash Disk Drive Annual SW Subscription & Support Renewal 12 Months                                                 | E0P6LLL | 6.458,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Anaconda Repository for IBM Cloud Pak for Data Authorized User SW Subscription and Support Renewal 12 Months                                                            | E0R1GLL | 6.452,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise Processor Value Unit (PVU) from Business Automation Workflow Express Trade Up License + SW Subscription & Support 12 Months | D1XAKLL | 6.452,45 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner for Workgroups Authorized User Single Install Annual SW Subscription & Support Renewal                           | E0F7TLL | 6.452,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Eclipse Client Floating User Single Install Annual SW Subscription & Support Renewal                                                  | E0AYMLL | 6.452,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify On-Premises per 1000 FlexPoint License + SW Subscription & Support 12 Months                                                                        | D25LRLL | 6.452,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony GPU Harvesting General Purpose Graphics Proc Unit SW Subscription & Support Reinstatement 12 Months                                               | D0Q0YLL | 6.452,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Secure Proxy Red Hat OpenShift Virtual Processor Core (VPC) Annual SW Subscription & Support Renewal 12 Months                      | E0QWWLL | 6.452,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Software Suite Terabyte from Selected Products Trade Up License + SW Subscription & Support 12 Months                                                       | D1KLMLL | 6.452,45 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Modernization Non-Production Virtual Processor Core Subscription License Upgrade                                                          | D03KTZX | 6.439,19 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PL/I for AIX Concurrent User Monthly License                                                                                                                        | D1BEKLL | 6.432,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Suite for IBM Cloud Paks and IBM SVC Real Time Compression Virtual Processor Core Monthly License                                                           | D08UAZX | 6.432,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Basic Secondary Integration Services Map Set Up                                                                                               | D0PACLL | 6.404,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Secondary Integration Services Map On-Demand Setup                                                                          | D0P9ULL | 6.404,64 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (1-100) SW Subscription & Support Reinstatement 12 Months                                        | D1NDILL | 6.396,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (501-750) License + SW Subscription & Support 12 Months                                          | D1NDNLL | 6.396,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Service Provider Concurrent User Annual SW Subscription & Support Renewal                                                              | E0CX0LL | 6.396,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                     | D04K4LL | 6.396,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management Ten Thousand Monthly Events SW Subscription & Support Reinstatement 12 Months                      | D20LLLL | 6.396,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software 100 Resource Unit Trade Up from IBM Cloud Pak for Security Gen 1 Trade Up License + Subscription & Support 12 Months | D0AMJZX | 6.396,01 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (2001+) SW Subscription & Support Reinstatement 12 Months                                                            | D1IMZLL | 6.396,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (251-500) Annual SW Subscription & Support Renewal                                                     | E0MP5LL | 6.396,01 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling B2B Integrator AddOn for File Gateway Enterprise Edition Non-ProduSUBion for Red Hat OpenShift Virtual Processor Core Subscription License | D28LDLL | 6.388,93 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Standard with access management integration 10 Eligible Participants Advanced Support 12 Months                            | E0DW9ZX | 6.379,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Standard with access management integration 100 Eligible Participants Advanced Support 12 Months                           | E0DW8ZX | 6.379,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Log Manager Disaster Recovery Software Install Annual SW Subscription & Support Renewal 12 Months                                            | E0NCQLL | 6.364,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Authorized User SW Subscription & Support Reinstatement 12 Months                        | D03I8ZX | 6.345,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Service Provider Authorized User SW Subscription & Support Reinstatement 12 Months                                                     | D0LIGLL | 6.345,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Add-On Employee User Value Unit License + SW Subscription & Support 12 Months                                              | D0L3DLL | 6.345,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Add-On to Production Imaging Edition Employee User Value Unit License + SW Subscription & Support 12 Months                | D0L3PLL | 6.345,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Solutions Accelerator Server Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months          | D0N2ULL | 6.345,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for PostgreSQL Virtual Processor Core SW Support 12 Months                                                                            | D1VQJLL | 6.345,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for Cognos Analytics for Non-Production Environment per Install Annual SW Subscription & Support Renewal       | E09T3LL | 6.345,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SmartCloud Application Performance Management Standard Managed Virtual Server Annual SW Subscription & Support Renewal                              | E0DYCLL | 6.345,85 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                    | D0ENWLL | 6.345,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (33-64) License + SW Subscription & Support 12 Months                                                                                                       | D1IWJLL | 6.345,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (101-250) Annual SW Subscription & Support Renewal                                                                                                                       | E0LW5LL | 6.345,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Field Services per Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                            | D20DULL | 6.345,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Field Services per Concurrent User Annual SW Subscription & Support Renewal                                                                                                                     | E0PJRL  | 6.345,85 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Business Continuity Management on Cloud Application instance Advanced Support per Month                                                                                                       | E0GLKZX | 6.342,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Data Privacy Management on Cloud Application Advanced Support per Month                                                                                                                       | E0G54ZX | 6.342,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Policy Management on Cloud Application Advanced Support per Month                                                                                                                             | E0G57ZX | 6.342,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Risk Management for ESG on Cloud Application Advanced Support per Month                                                                                                                       | E0GLNZX | 6.342,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Third Party Risk Management on Cloud Application Advanced Support per Month                                                                                                                   | E0GLRZX | 6.342,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | OpenPages Internal Audit Management on Cloud Application Advanced Support per Month                                                                                                                         | E0GL4ZX | 6.342,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | OpenPages IT Governance on Cloud Application Advanced Support per Month                                                                                                                                     | E0GLMZX | 6.342,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | OpenPages Loss Event Entry on Cloud Application Advanced Support per Month                                                                                                                                  | E0GL5ZX | 6.342,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | OpenPages Model Risk Governance on Cloud Application Advanced Support per Month                                                                                                                             | E0GL6ZX | 6.342,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Premium Authorized User Monthly License                                                                                                                                                 | D17R1LL | 6.333,31 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault Additional Secrets 1000 Records per Annum                                                                                                                               | D06UKZX | 6.327,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BigInsights BigQuality for Non Production Environments Virtual Server Monthly License                                                                                                                   | D1J4MLL | 6.324,33 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Hybrid Edition Virtual Processor Core Monthly License                                                                                                                                         | D299YLL | 6.317,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudant Dedicated SMB Node on IBM IaaS per Instance per Month                                                                                                                                          | D1HD7LL | 6.292,74 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configure Price Quote for Red Hat OpenShift Authorized User Annual SW Subscription & Support Renewal                                                                                           | E0QYFLL | 6.292,74 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Warehouse Modernization Virtual Processor Core From Prior Data Replication Programs for Db2 Warehouse Trade Up License + SW Subscription & Support | D08KZZX | 6.284,86 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Occasional Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                        | D16S8LL | 6.284,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Token Initial Fixed Term License + SW Subscription & Support 12 Months                                                                       | D26HKLL | 6.284,86 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Token Subsequent Fixed Term License + SW Subscription & Support 12 Months                | E0QL9LL | 6.284,86 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Practitioner for Workgroups Authorized User Single Install Annual SW Subscription & Support Renewal 12 Months | E0M3DLL | 6.284,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Token Initial Fixed Term License + Software Subscription and Support 12 Months                | D08RKZX | 6.284,86 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Token Subsequent Fixed Term License + Software Subscription and Support 12 Months             | E08RLZX | 6.284,86 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SE Developer Concurrent User License + SW Subscription & Support 12 Months                                                                 | D52EFLL | 6.284,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG & COBOL Tools Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months            | D0LJWLL | 6.284,86 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG & COBOL Tools Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months         | E0CXMLL | 6.284,86 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Web Client Floating User Single Install Annual SW Subscription & Support Renewal 12 Months                            | E0NR3LL | 6.284,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect HSM for Windows Terabyte Annual SW Subscription & Support Renewal                                                                   | E0LVFLL | 6.284,86 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Management Professional Package Instance per Month                                                                                      | D00CMZX | 6.280,28 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Water Operations for Waternamics Mobile User on Cloud Authorized User Overage                                                                       | D007DZX | 6.280,28 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation as a Service Platform Instance per Month                                                                                 | D03YUZX | 6.278,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Care Manager Community Service Payment - Government 100 Persons per Month                                                                    | D20UILL | 6.270,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Care Manager Connect Providers - Government 100 Persons per Month                                                                            | D1XDZLL | 6.270,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netezza Performance Server for IBM Cloud Pak for Data Virtual Processor Core Monthly License                                                        | D0ALDZX | 6.246,45 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Professional Non Production Virtual Processor Core Monthly License                                                                      | D1SLRLL | 6.245,36 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                      | D56CJLL | 6.223,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (1-100) SW S&S Reinstatement 12 Months                                                                    | D1089LL | 6.223,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (501-750) LIC + SW S&S 12 Months                                                                          | D108ELL | 6.223,83 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (1-100) SW S&S REINSTATE 12 MO                                                                 | D107VLL | 6.223,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (501-750) LIC + SW S&S 12 MO                                                                   | D1080LL | 6.223,83 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager Unlimited User Option Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                       | E05TKLL | 6.223,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli ITCAM for Microsoft Applications Advance Resource Value Unit License + SW Subscription & Support 12 Months                                    | D0IC1LL | 6.223,83 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Enterprise Edition Non-Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months        | D1L2SLL | 6.222,32 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Account Lifecycle Manager Engines On-Premises Install Monthly License                                                      | D06SRZX | 6.220,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Starter Bundle on Cloud Instance Advanced Support per Month                                                                                | E0GLQZX | 6.218,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Essentials Edition Map On Demand Set Up                                                                                | D0H0BZX | 6.218,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Essentials Edition Map Set Up                                                                                          | D0H0AZX | 6.218,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising Essentials Edition Hundred Thousand Order Lines per Month                                                             | D0H0ZZX | 6.218,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Insights-Enterprise-AddOn-Resource-Data Object Item per Month                                                                    | D00N0ZX | 6.218,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Operations Dashboard for Oil & Gas - Sites Entity ID per Month                                                                           | D1VFULL | 6.218,10 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Essentials Edition Annual 1000 Documents Subscription per Annum                                                        | D0H0EZX | 6.215,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for B2Bi and SFG Enterprise for Red Hat OpenShift Virtual Processor Core (VPC) Monthly License 12 Months             | D27JCLL | 6.195,12 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise as a Service Hundred Thousand API Calls per Annum                                                                             | D09ZVZX | 6.193,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Contributor Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0F7GLL | 6.182,81 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM XL C for AIX Concurrent User Annual SW Subscription & Support Renewal                                                                                | E04U5LL | 6.182,81 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Developer for C, C++, Java and Ada Authorized User Monthly License                                               | D1BRCLL | 6.180,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Management Concurrent User Monthly License                                                                                              | D1Q6ILL | 6.173,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL Compiler Runtime Option for IDS Workgroup Edition Limited Use Socket Monthly License                                                    | D19NALL | 6.166,41 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL RDS Runtime Option for IDS Workgroup Edition Limited Use Socket Monthly License                                                         | D19N9LL | 6.166,41 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Express Connector Non-Production Environment per Install Annual SW Subscription & Support Renewal                                  | E0JMMLL | 6.162,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Server Bundle Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                              | D1LL8LL | 6.162,82 | Manutenção após Vigência  |



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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                    | E08CLLL | 6.162,82 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Contributor Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                          | D05VCLL | 6.162,82 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Contributor Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                       | E05N4LL | 6.162,82 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                      | D0GKHLL | 6.162,82 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                   | E0AP4LL | 6.162,82 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Product Hub - Advanced Edition for Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                | D0LPFLL | 6.162,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Product Hub - Standard Edition for Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months                    | D0LLNLL | 6.162,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Provider Hub - Advanced Edition Resource Value Unit License + SW Subscription & Support 12 Months                                              | D0NV1LL | 6.162,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Limited Use Authorized User from Maximo Asset Management Limited Use Authorized User Trade Up Licence + SW Subscription & Support 12 Months             | D0T07LL | 6.162,82 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                          | D0G81LL | 6.162,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Processor Value Unit (PVU) Trade Up from IBM ODM Server Non-Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                       | D0P0ULL | 6.162,82 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Floating User Annual SW Subscription & Support Renewal                                                                                               | E01MALL | 6.162,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition from Sterling File Gateway Standard Edition Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J48LL | 6.162,82 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentran-Director for Non-Production Environment Install Annual SW Subscription & Support Renewal                                                                        | E0BWMLL | 6.162,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Offline Forms Concurrent User Annual SW Subscription & Support Renewal                                                                                     | E0D9BLL | 6.162,82 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Hyper Protect Virtual Servers Virtual Processor Core Monthly License                                                                                                             | D1XG5LL | 6.159,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Key Lifecycle Manager Container Edition for Distributed Platforms per Install Monthly License                                                                  | D293KLL | 6.159,22 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data 100 Thousand Documents Subscription License                                                                     | D28NALL | 6.159,22 | Assinatura                |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Wazi Developer for Red Hat CodeReady Workspaces Virtual Processor Core Monthly License                                                                                                         | D053JZX | 6.159,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Secure Proxy for Red Hat OpenShift Virtual Processor Core Monthly License                                                                                                             | D27F6LL | 6.126,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Datacap Non-Production Environment Copper Instance Advanced Support per Month                                                                                                                      | E0DWKZX | 6.112,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Foundation Bronze 2.0 Instance Advanced Support per Month                                                                                                                              | E0FXJZX | 6.112,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Premium 10000 Authorized Users Pay Per Use                                                                                                                                    | D213FLL | 6.079,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Basic Token Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                   | D08AQZX | 6.076,21 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Basic Token Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                | E08ARZX | 6.076,21 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Protect High Speed Data Transfer per Install Annual SW Subscription & Support Renewal                                                                                                 | E0MEWLL | 6.076,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                                                  | E0QNGLL | 6.076,21 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Command Center Starter Edition for Non-Production Environment Install Monthly License                                                                                                   | D17NMLL | 6.073,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise User Workspace Add-On Authorized User License + SW Subscription & Support 12 Months                                                                                          | D1R9MLL | 6.022,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Assessment and Planning per Authorized User Annual SW Subscription & Support Renewal                                                                                                     | E0N7ELL | 6.022,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition Processor Value Unit (PVU) from IBM InfoSphere Information Server for Data Quality PVU Trade Up License + SW Subscription & Support 12 Months | D0P1KLL | 6.022,92 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for TM1 for Non-Production Environment per Install Annual SW Subscription & Support Renewal                                                               | E09T5LL | 6.022,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (501-750) SW Subscription & Support Reinstatement 12 Months                                                                                             | D1N1RLL | 6.022,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Application Suite per AppPoint Software Subscription & Support Reinstatement 12 Months                                                                                                 | D07ZGZX | 6.022,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite Entry - Front End Terabyte (1-100) Annual SW S&S Rnwl                                                                                                                        | E0LVDLL | 6.022,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Non-Production Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                                    | D26WALL | 6.022,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Federation Module per Processor Value Unit License + SW Subscription & Support 12 Months                                                                | D1GT0LL | 6.002,67 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Practitioner Floating User Single Install Monthly License                                                                                                | D1114LL | 6.000,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Dedicated Node Data Increment Non Production 500 Gigabytes Overage                                                                                              | D1UH9LL | 6.000,47 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights Saas Advanced Edition Managed Virtual Server Overage                                                                                                                | D0CV8ZX | 5.988,03 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Discover and Classify for Unstructured Data per Resource Value Unit (TB) SW Subscription & Support Reinstatement 12 Months                                                                  | D0CF8ZX | 5.982,15 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Professional Concurrent User Subscription License Upgrade                                                                                                                            | D0EPUZX | 5.982,15 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Local Modeler Authorized User Monthly License                                                                                                                                     | D17LLLL | 5.972,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Test Pack Virtual Testers 50 Floating User Monthly License                                                                                                                      | D1BFHLL | 5.972,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Connector for Business Applications Install Monthly License                                                                                                                                  | D18XPLL | 5.972,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise Concurrent User Annual SW Subscription & Support Renewal 12 Months                                                                                           | E0PSFLL | 5.969,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Contributor Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                    | D1JQ1LL | 5.969,61 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Contributor Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                 | E0M39LL | 5.969,61 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Authorized User Single Install license Initial Fixed Term License + SW Subscription & Support 12 Months                                   | D0C3QLL | 5.969,61 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for Workgroups Authorized User Single Install from Engineering Workflow Management Contributor AUSI Trade Up License + SW Subscription & Support 12 Months | D0GHQLL | 5.969,61 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Content Collector Edition 1000 External Pack User Value Unit SW Subscription & Support Reinstatement 12 Months                                                         | D1AZDLL | 5.969,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Non-Production Environment Resource Value Unit Annual SW Subscription & Support Renewal                                                                                  | E0BL1LL | 5.969,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (2001+) from IBM Spectrum Control Advanced Edition Trade Up License + SW Subscription & Support 12 Months                                               | D1N2XLL | 5.969,61 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Red Hat OpenShift Virtual Processor Core Monthly License                                                                       | D08V6ZX | 5.958,23 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault Saas For Business Users Non Production Authorized User per Annum                                                                                                     | D05SCZX | 5.932,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Strategic Facility Planning for Non-Production Environment Install Monthly License                                                                                                           | D18WSLL | 5.929,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Performance Management Facilities Non-Prod Environment Install Monthly License                                                                                                     | D18WBLL | 5.929,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Performance Management Operations for Non-Prod Environment Install Monthly License                                                                                                 | D18WHLL | 5.929,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Performance Mgmt Projects for Non-Prod Environment Install Monthly License                                                                                                         | D18WNLL | 5.929,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Performance Mgmt Real Estate for Non-Prod Environment Install Monthly License                                                                                                      | D18W5LL | 5.929,51 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition for SAP Applications for Non-Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                  | D16N6LL | 5.916,32 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition Processor Value Unit (PVU) from IBM InfoSphere Information Server for Data Integration PVU Trade Up License + SW Subscription & Support 12 Months | D0P1JLL | 5.916,32 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere Add-on Concurrent User Trade Up from 3 Maximo Anywhere Add-on Authorized User + SW Subscription & Support 12 Months                                                                | D1QBILL | 5.916,32 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Authorized User SW Subscription & Support Reinstatement 12 Months                                                      | D0DBDLL | 5.916,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational SoftwareArchitect Designer Extension for Deployment Planning Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                               | D0DCGLL | 5.916,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software 100 Resource Unit Trade Up from IBM Cloud Pak for Security Gen 2 Trade Up License + Subscription & Support 12 Months                                                | D0AMIZX | 5.916,32 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Supp Collab Add on Certified Container Resource Value Unit Extended Support Subscription License                                                                    | X28LQLL | 5.913,18 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager Basic Edition Install for zEnterprise BladeCenter Extension Annual SW Subscription & Support Renewal                                                       | E0DGZLL | 5.913,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager Basic Edition Install SW Subscription & Support Renewal                                                                                                    | E06JMLL | 5.913,01 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Business Service Manager for the Enterprise Tier 2 Resource Value Unit Monthly License                                                                                                      | D18VKLL | 5.893,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM UrbanCode Velocity User per Floating User Monthly License                                                                                                                                          | D1YIHL  | 5.893,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Team Management on Cloud Add-On (CU) Concurrent User per Month                                                                                                                       | D22UBL  | 5.881,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Applications Virtual Processor Core Monthly License                                                                                                                                  | D24XHLL | 5.869,28 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                            | D17BHLL | 5.863,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Standard Edition AU Option for Non-Production Environments Authorized User License + SW Subscription & Support 12 Months                                                                       | D233TLL | 5.863,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                      | D03TTLL | 5.863,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Essentials Edition Connection Annual SW Subscription & Support Renewal 12 Months                                                                                              | E0PXQLL | 5.863,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Performance Tester for z/OS VU Value Unit Annual SW S&S Rnwl                                                                                                                                           | E01UCLL | 5.863,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition User Option Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                                           | D0D21LL | 5.857,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (1-12) SW Subscription & Support Reinstatement 12 Months                                                                                               | D1IWGLL | 5.857,72 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Enterprise Server Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                | D0ZUTLL | 5.851,98 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Stakeholder Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                      | D0GKJLL | 5.851,98 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Stakeholder Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                   | E0AP6LL | 5.851,98 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataPower Gateway Virtual Edition Developer License Authorized User Monthly License                                                                            | D1CZ0LL | 5.847,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for MultiPlatform Base Per Resource Value Unit Advanced Support Subscription License                                             | Z276NLL | 5.819,12 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights Saas Standard Edition Managed Virtual Server Overage                                                                                | D0CVDZX | 5.813,92 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Platform Streaming Edition with IBM per Virtual Server Subscription License                                                                          | D28NULL | 5.812,85 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM B2B Gateway Pack for Non Production Environments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                      | D1QUULL | 5.809,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Network Automation Resource Unit Software Subscription and Support Reinstatement 12 Months                                                       | D0543ZX | 5.809,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Db2 for z/OS Remote Source per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                          | D20SDLL | 5.809,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Floating User Single Install SW Subscription & Support Reinstatement 12 Months                      | D26GRLL | 5.809,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Stakeholder Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months             | E0F7ILL | 5.809,72 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM IM Business Intelligence Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                              | D0D13LL | 5.809,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage and QualityStage Designer Concurrent User Annual SW Subscription & Support Renewal                                                        | E04NZLL | 5.809,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Non-Production Virtual Processor Core SW S&S REINSTATE 12 MO                                    | D08S7ZX | 5.809,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Adapter for Primavera Concurrent User Annual SW Subscription & Support Renewal                                                                          | E04QLLL | 5.809,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Business Developer Authorized User Annual SW Subscription & Support Renewal                                                                           | E03SULL | 5.809,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Compliance Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                            | E0KJ6LL | 5.809,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Lifecycle Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                       | E0RAKLL | 5.809,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Compliance Processor Value Unit (PVU) from Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months | D1B4KLL | 5.808,91 | Upgrade com Manutenção    |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Standard Edition Simultaneous Session Annual SW Subscription & Support Renewal                                                             | E0BXPLL | 5.803,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Velocity for Authorized User Single Install Authorized User SW Subscription and Support Renewal 12 Months                                                 | E0R1MLL | 5.803,16 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BigInsights on Cloud Instance Monthly Subscription with Support                                                                                                     | D1I01LL | 5.776,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Open Data for Industries Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Monthly License                                                 | D04YSZX | 5.775,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Controller Application Builder Authorized User Monthly License                                                                                               | D17MGLL | 5.756,41 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Authorized User Value Unit License + SW Subscription & Support 12 Months                                                                   | D07B0LL | 5.756,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Social Program Management Platform Professional Authorized User License + SW Subscription & Support 12 Months                                                 | D0QSTLL | 5.756,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Resource Adapter View Edition Server Annual SW Subscription & Support Renewal                                                                | E050KLL | 5.756,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG & COBOL Tools Authorized User tradeup from ADTS Trade Up License + SW Subscription & Support 12 Months                                 | D0C5HLL | 5.756,41 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Base Virtualization Software Storage Capacity Unit (101-250) SW Subscription & Support Reinstatement 12 Months                                           | D1NDKLL | 5.756,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configure, Price, Quote Enterprise Sales Authorized User Annual SW Subscription & Support Renewal                                                          | E0BU2LL | 5.754,35 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Open XL Fortran for AIX Concurrent User Monthly License                                                                                                                 | D1BUVLL | 5.750,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Entry-level Authorized User Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                   | E0EHGLL | 5.742,16 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Enterprise User Concurrent User Overage                                                                    | D1UMKLL | 5.739,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud for US Federal Enterprise User Concurrent User Overage                                                     | D1UN0LL | 5.739,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Enterprise User Concurrent User Overage                                                                    | D1KLELL | 5.739,31 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Mitigation for Business 10 Eligible Participants per Annum                                                                                     | D1NTRLL | 5.715,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management Advanced Workspace Add-On Authorized User SW Subscription & Support Reinstatement 12 Months                                           | D1QZZLL | 5.703,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Internal Service Provider Edition Concurrent User SW Subscription & Support Reinstatement 12 Months                                                    | D0NNFLL | 5.703,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for Decision Optimization for Python Install SW Support 12 Months                                                                                     | D1LGZLL | 5.703,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Gateway Add On Floating User Single Install Annual SW Subscription & Support Renewal                                            | E077ULL | 5.703,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Custom Domain Hub - Advanced Edition for Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months | D0LPMML | 5.703,12 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub - Advanced Edition for Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months                                                                                  | D0LNNLL | 5.703,12 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium for Data Encryption Key Management on KMIP per Resource Value Unit (MVS) Monthly License                                                                                                                                          | D04KAZX | 5.699,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium for Data Encryption Key Management on Oracle TDE and Microsoft SQL per Resource Value Unit (MVS) Monthly License                                                                                                                  | D04K6ZX | 5.699,80 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Transformation Extender Advanced Non-Prod Certified Container Virtual Processor Core Subscription License                                                                                                                                           | D08CEZX | 5.699,80 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Water Operations for Waternamics Mobile User on Cloud Authorized User Per Month                                                                                                                                                                     | D007CZX | 5.689,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ENTERPRISE VIDEO STREAMING GOLD EDITION Instance per Month                                                                                                                                                                                          | D0F8IZX | 5.687,66 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM watsonx.governance Risk and Compliance Foundation Non-Production Virtual Processor Core Advanced Support Subscription License                                                                                                                       | Z0H71ZX | 5.681,16 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Non-Production for Red Hat OpenShift Virtual Processor Core License + SW Subscription and Support 12 Months                                                                                                         | D27J7LL | 5.681,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Appliance xx29-C Hard Drive Retention Upgrade Appliance Install License + SW Subscription & Support 12 Months                                                                                                                                | E0PHMLL | 5.673,08 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Enable SV for Cloud Per Storage Device Storage Device SW Subscription & Supt Reinstatement 12 Months                                                                                                                                                | D27KGLL | 5.649,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Product Hub - Advanced Edition for Financial Services per Resource Value Unit from InfoSphere MDM Product Hub - Standard Ed for Financial Services per RVU Trade Up License + SW Subscription & Support 12 Months | D0LPGLL | 5.649,81 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Archive Library Edition Entry Libraries TS2900 TS4300 Install Annual SW Subscription & Support Renewal 12 Months                                                                                                                           | E0BU1ZX | 5.649,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud on IBM Cloud 1 Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                                                                      | D27GELL | 5.649,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (251-500) Annual SW Subscription & Support Renewal                                                                                                                                                                   | E0LW6LL | 5.649,81 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Services Resource Adapter Professional Edition Server Monthly License                                                                                                                                                                 | D1D7DLL | 5.649,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Enterprise Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                                                                           | E0M5LLL | 5.644,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                            | D10WWLL | 5.644,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Inventory Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                                                                                            | E0RBTLL | 5.638,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Data Verification/Smartkey/Original Entry/Check Processing Module Concurrent User Annual SW Subscription & Support Renewal                                                                                             | E03TOLL | 5.625,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Floating User Single Install Annual SW Subscription & Support Renewal                                                                                         | E08X1LL | 5.625,87 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational SoftwareArchitect Designer Extension for Deployment Planning Floating User Single Install Annual SW Subscription & Support Renewal                                      | E08YILL | 5.625,87 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Master Modernization for IBM Cloud Pak for Data Virtual Processor Core SL UPGRADE                                                                                        | D05T1ZX | 5.605,92 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (101-250) SW S&S Reinstatement 12 Months                                                                                               | D108BLL | 5.601,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SVC Metro Mirror Software Terabyte (101-250) SW S&S REINSTATE 12 MO                                                                                                              | D107XLL | 5.601,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for Rational per Authorized User, Unlimited Contacts SW Support 12 Months                                                                           | D0ZJMLL | 5.596,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Publishing Authorized User Annual SW Subscription & Support Renewal                                                                           | E077BLL | 5.596,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Authorized User from Ratl DOORS Web Access Reviewer Auth User Trade Up License + SW Subscription & Support 12 Months | D0ASFLl | 5.596,52 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Conductor Per Socket Annual SW Subscription & Support Renewal 12 Months                                                                                                 | E0MR1LL | 5.596,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Server and VM Harvesting Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                      | D0Q0WLL | 5.596,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | InfoSphere Optim Data Privacy Enterprise Edition Processor Value Unit (PVU) LIC + SW S&S 12 MO                                                                                       | D0B9IZX | 5.596,52 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Starter Edition on Cloud Instance Advanced Support per Month                                                                                                           | E0G59ZX | 5.596,29 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Software Node Install SW Subscription & Support Reinstatement 12 Months                                                                                          | D1S2KLL | 5.580,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for File Systems Processor Value Unit License + SW Subscription & Support 12 Months                                                                            | D12UWLL | 5.577,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Microsoft SharePoint Processor Value Unit License + SW Subscription & Support 12 Months                                                                    | D12V4LL | 5.577,05 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud SIEM for ISVs - Small - up to 100 EPS month Instance Pay per Use                                                                                                           | D0FQPZX | 5.572,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition for Non-Production Environments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                        | D0P42LL | 5.571,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Server Agent Per Managed Virtual Server from Competitive Trade Up License + SW S&S 12 Months                                                                    | D15HILL | 5.571,31 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Cognos Analytics User Reserved Virtual Processor Core Advanced Support Subscription License                                                                   | Z09IYZX | 5.555,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Configuration Manager Concurrent User Monthly License                                                                                                               | D1QB3LL | 5.555,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Modeler Professional Authorized User Monthly License                                                                                                                        | D17SNLL | 5.555,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise Processor Value Unit (PVU) from Business Automation Workflow Enterprise NPE Trade Up License + SW Subscription & Support 12 Months       | D1XALLL | 5.543,21 | Upgrade com Manutenção    |



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| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                        | D1X9HLL | 5.528,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Administrator Authorized User Annual SW Subscription & Support Renewal 12 Months                                                                  | E0QFKLL | 5.528,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 13-32 License + SW Subscription & Support 12 Months                                                                   | D1IL1LL | 5.528,24 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Databases Resource Value Unit (MVS) Subscription License                                                              | D299KLL | 5.520,33 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Case Manager Non-Production Environment Bronze 2.0 Instance Advanced Support per Month                                                                          | E0FYIZX | 5.509,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Foundation Non-Production Environment Bronze 2.0 Instance Advanced Support per Month                                                                | E0FXLZX | 5.509,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising AddOn - Pre Production Environment Hundred Thousand Order Lines Advanced Support per Month                                   | E0DXPZX | 5.509,24 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Security (Gen 3) 100 Resource Unit Annual SW Subscription & Support Renewal                                                                   | E05M1ZX | 5.489,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS for HP Quality Center Interface Floating User Initial Fixed Term License + SW Subscription & Support 12 Months    | D09BMLL | 5.489,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS for HP Quality Center Interface Floating User Subsequent Fixed Term License + SW Subscription & Support 12 Months | E072KLL | 5.489,92 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM i Modernization Engine for Lifecycle Integration Virtual Processor Core Annual SW S&S Rnwl                                                                  | E091YZX | 5.489,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Client SDK Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                        | D6DDRLL | 5.489,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere Add-on Concurrent User Annual SW Subscription & Support Renewal 12 Months                                                                   | E0N3QLL | 5.489,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Annual SW Subscription & Support Renewal                                                        | E0A2FZX | 5.489,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Reserved Annual SW Subscription & Support Renewal                                               | E0CLSZX | 5.489,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software 100 Resource Unit Annual Subscription & Support Renewal                                                                      | E0AE3ZX | 5.489,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software 100 Resource Unit Reserved Annual Subscription & Support Renewal                                                             | E0CNKZX | 5.489,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for IBM Cloud for AWS 1 Terabyte SW Subscription & Support Reinstatement 12 Months                                                      | D22TWLL | 5.489,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud on Azure Terabyte SW S&S REINSTATE 12 MO                                                                               | D08JZZX | 5.489,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (751-1250) Annual SW S&S Rnwl                                                                                        | E0LVOLL | 5.489,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (751-1250) Annual SW S&S Rnwl                                                                                        | E0LVALL | 5.489,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos PowerPlay Client User Authorized User SW Subscription & Support Reinstatement 12 Months                                                              | D071ELL | 5.479,41 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages SDI Connector for UCF Common Controls Hub on Cloud per Application per Month               | D1TFMLL | 5.471,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights Saas Essentials Edition Managed Virtual Server Overage                    | D0CVAZX | 5.471,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Additional BPM Developer paygo Per Instance pay per use with Support | D1TVHLL | 5.471,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure Gateway Enterprise for IBM Cloud Instance Pay Per Use                                         | D1SKVLL | 5.471,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CICS TX Standard Virtual Processor Core Monthly License                                              | D085TZX | 5.455,42 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Concurrent User Annual SW Subscription & Support Renewal                    | E09PULL | 5.449,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Bootstrapping Concurrent User Annual SW Subscription & Support Renewal                          | E09PSLL | 5.449,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Categories Concurrent User Annual SW Subscription & Support Renewal                             | E09PQLL | 5.449,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Complex Samples Concurrent User Annual SW Subscription & Support Renewal                        | E09PNLL | 5.449,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Conjoint Concurrent User Annual SW Subscription & Support Renewal                               | E09PLLL | 5.449,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Custom Tables Concurrent User Annual SW Subscription & Support Renewal                          | E09PYLL | 5.449,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Data Preparation Concurrent User Annual SW Subscription & Support Renewal                       | E09Q0LL | 5.449,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Decision Trees Concurrent User Annual SW Subscription & Support Renewal                         | E09QBLL | 5.449,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Concurrent User Annual SW Subscription & Support Renewal                       | E09Q9LL | 5.449,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Exact Tests Concurrent User Annual SW Subscription & Support Renewal                            | E09QDLL | 5.449,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Forecasting Concurrent User Annual SW Subscription & Support Renewal                            | E09Q5LL | 5.449,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Missing Values Concurrent User Annual SW Subscription & Support Renewal                         | E09Q3LL | 5.449,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Neural Networks Concurrent User Annual SW Subscription & Support Renewal                        | E09Q1LL | 5.449,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Regression Concurrent User Annual SW Subscription & Support Renewal                             | E09PJLL | 5.449,27 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Connect Enterprise Edition 25 Floating User Single Installs Monthly License                      | D1MRWLL | 5.441,36 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Connect Enterprise Edition 25 Floating User Single Installs Monthly License                      | D1MRXLL | 5.441,36 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Case Manager Federal Datacenter Add-On Instance Advanced Support per Month                               | E0FYGZX | 5.440,84 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Foundation Federal Datacenter Add-On Instance Advanced Support per Month                         | E0FXKZX | 5.440,84 | Saas                     |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager Enterprise Edition Federal Datacenter Add-On Instance Advanced Support per Month                                                    | E0FZ4ZX | 5.440,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager OnDemand Federal Datacenter Add-On Instance Advanced Support per Month                                                              | E0FYTZX | 5.440,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Datacap Federal Datacenter Add-On Instance Advanced Support per Month                                                                               | E0DWXZX | 5.440,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights Saas Advanced Edition Managed Virtual Server Subscription per Month                                                  | D0CV7ZX | 5.440,84 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM InfoSphere Virtual Data Pipeline Per Terabyte Subscription License                                                                              | D29HQLL | 5.434,18 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere Add-on Authorized User SW Subscription & Support Reinstatement 12 Months                                                        | D17CDLL | 5.430,60 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local Explorer Authorized User SW Subscription & Support Reinstatement 12 Months                                             | D1RA1LL | 5.430,60 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Premium Edition for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months    | D22IILL | 5.430,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Inventory Management Add-on Resource Value Unit License + Software Subscription & Support 12 Months             | D0NX3LL | 5.430,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Non-Production per Processor Value Unit License + SW Subscription & Support 12 Months                    | D1GT6LL | 5.427,47 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Modernization Non Production Virtual Processor Core Subscription License Upgrade                                           | D03NCZX | 5.424,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Software Store Edition Mega for Red Hat OpenShift Resource Value Unit Monthly License                                 | D26RWLL | 5.424,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech Services Cartridge for IBM Cloud Pak for Data Additional Capacity 8 Virtual Processor Cores Advanced Support Subscription License | Z26ADLL | 5.424,07 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Advanced User per Authorized User Annual SW Subscription & Support Renewal                                                    | E0JMTLL | 5.418,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise User Authorized User Annual SW Subscription & Support Renewal                                                                 | E0DHPLL | 5.418,40 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (1 to 10,000TB) subscription per Terabyte 24 Months                                                                        | D06C7ZX | 5.417,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (1 to 500TB) subscription per Terabyte 12 months                                                                           | D06BZZX | 5.417,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Administrator per Authorized User Monthly License                                                                              | D1DOCLL | 5.411,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Master Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Monthly License                                       | D06PBZX | 5.411,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas for US Federal Concurrent User Overage                                                           | D1TBPLL | 5.391,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Risk Assessment Add-On for IBM i2 for Business 10 Eligible Participants Advanced Support 12 Months                                              | E0DVCZX | 5.387,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Risk Assessment Add-On for IBM i2 for Retail 100 Eligible Participant Advanced Support 12 Months                                                | E0DVDZX | 5.387,40 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Mitigation for Retail 100 Eligible Participants per Annum                                                                  | D1LL2LL | 5.387,40 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Modernization Reserved Virtual Processor Core Extended Support Subscription License                                                            | X09J2ZX | 5.386,45 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Targets for z/OS Sources Install Extended Support Subscription License                                                                              | X04QMZX | 5.386,45 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Standard Edition Resource Value Unit License + SW Subscription & Support 12 Months                                                                 | D0Q0TLL | 5.383,32 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages SDI Connector for UCF Common Controls Hub Application Subscription License                                                                                 | D29KILL | 5.376,76 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Enterprise Edition 25 Authorized User Annual SW Subscription & Support Renewal                                                                           | E02K5LL | 5.376,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Cognos Analytics User per Authorized User License + SW Subscription & Support 12 Months                                                   | D0AVFLL | 5.376,05 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Financial Controls Management Application Advanced Support Subscription License                                                                            | Z29KMLL | 5.367,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation 1000 External Pack User Value Unit Annual SW Subscription & Support Renewal                                                            | E0KE1LL | 5.363,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (751-1250) License + SW Subscription & Support 12 Months                                                          | D1NDQLL | 5.330,01 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Business Automation Starter Kit Virtual Processor Core Subscription License                                                                                          | D0A93ZX | 5.330,01 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Monitor Processor Value Unit (PVU) from Business Monitor for Non-Production Environment Trade Up License + SW Subscription & Support 12 Months              | D151XLL | 5.330,01 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Business Automation Virtual Processor Core Subscription License                                                                                        | D267PLL | 5.330,01 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months             | D09B6LL | 5.330,01 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months          | E0724LL | 5.330,01 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months    | D098LLL | 5.330,01 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E06ZJLL | 5.330,01 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Software Architect RealTime Edition Floating User Monthly License                                                                                           | D1BG8LL | 5.323,74 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Application Server Limited Use Socket Monthly License                                                                                                      | D1941LL | 5.323,74 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server - Express Intranet Option 20 Authorized Users License + SW Subscription & Support 12 Months                                             | D522LLL | 5.320,77 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Liberty Core 20 Authorized User Single Install License + SW Subscription & Support 12 Months                                            | D0ZE2LL | 5.320,77 | Permanente com Manutenção |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Rules for IBM Cloud 1000 Thousand API Calls Pay Per Use                                                                                 | D1AWULL | 5.319,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted Standard Small Paygo Instance Pay Per Use                                                                                             | D1PWOLL | 5.319,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Machine Learning Service Standard Instance Pay per Use                                                                                    | D030LZX | 5.319,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Visual Recognition Training Image for IBM Cloud 10000 Events Pay per Use                                                                  | D1N6QLL | 5.319,56 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | InfoSphere Optim Data Privacy EE Accelerator for Oracle Applications Processor Value Unit (PVU) SW S&S Reinstate 12 Mo                               | D0B99ZX | 5.319,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Request Central Concurrent User License + SW Subscription & Support 12 Months                                                            | D0N5ILL | 5.314,34 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Express Connector per Install Monthly License                                                                                 | D17MPLL | 5.311,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Modernization for Non-Production Environment Reserved Virtual Processor Core Advanced Support Subscription Lic                         | Z09M9ZX | 5.304,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Labor-OnDemand Additional Map Setup DO NO USE For Quantity Greater Than 5-Map Pay Per Use                          | D00PFZX | 5.304,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM LoadLeveler for Linux on x86 Architecture with 3-4 sockets Install Annual SW Subscription & Support Renewal                                      | E0DI6LL | 5.302,83 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Base-Labor-Map Setup-Map Remotely Delivered Service                                                                | D00PEZX | 5.300,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Configure Price Quote for eCommerce Certified Container Resource Value Unit Extended Support Subscription License                           | X28LLLL | 5.298,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integrated Analytics Large Server Instance per Month                                                                                       | D1Q3CLL | 5.297,82 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer Authorized User SW Subscription & Support Reinstatement 12 Months                             | D532JLL | 5.287,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer for zSeries Authorized User Single Install SW Subscription & Support Reinstatement 12 Months  | D60EGLL | 5.287,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Modeling for Communications Applications for Ratl Professional Bundle Authorized User SW Subscription & Support Reinstatement 12 Months | D0BBPLL | 5.287,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment Resource Value Unit SW Subscription & Support Reinstatement 12 Months             | D0J1NLL | 5.287,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Edition from Standard Edition Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J4ILL | 5.287,37 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights Saas Standard Edition Managed Virtual Server Subscription per Month                                                   | D0CVCZX | 5.285,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | OpenPages Financial Controls Management on Cloud Application Advanced Support per Month                                                              | E0GL3ZX | 5.285,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Modernization Reserved Virtual Processor Core Advanced Support Subscription License                                           | Z09NRZX | 5.279,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Modernization Virtual Processor Core Advanced Support Subscription License                                                    | Z0368ZX | 5.279,85 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Authorized User Subscription License                                                                                     | D0EPTZX | 5.273,57 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Event Microsite Instance per Month                                                                                  | D0899ZX | 5.272,95 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming Instance Per Month includes 100AU, 2000 VH, 100GB, 2Channels                                                                                   | D1Q8DLL | 5.272,95 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Standard User Authorized User from IBM Cognos Controller Express User Trade Up License + SW Subscription & Support 12 Months                            | D25YZLL | 5.271,70 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                              | D09ASLL | 5.271,70 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                           | E071QLL | 5.271,70 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months    | D0DAMLL | 5.271,70 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months | E08X8LL | 5.271,70 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational SoftwareArchitect Designer Extension for Deployment Planning Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                    | D0DCQLL | 5.271,70 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational SoftwareArchitect Designer Extension for Deployment Planning Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                 | E08YPLL | 5.271,70 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Standard Concurrent User Monthly License                                                                                                                  | D17R7LL | 5.269,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Server Bundle for Non Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                    | D1LM0LL | 5.266,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Standard Activity Monitor for Files Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                               | D1GPRL  | 5.259,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configurator Add-on for eCommerce per Processor Value Unit Subsequent Fixed Term License + SW Subscription & Support 12 Months                                   | E0HSFLL | 5.250,38 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Signature Validation for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                  | D1JZTLL | 5.247,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition from Financial Standard Edition Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months    | D0J4BLL | 5.247,55 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Log Manager All-in-One 21XX Failover Install Annual SW Subscription & Support Renewal                                                                     | E0G1NLL | 5.234,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Virtual Log Manager Event Capacity Increase of 100 EPS Failover Install Annual SW Subscription & Support Renewal                                          | E0G3BLL | 5.234,08 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Bot Insight Virtual Server Extended Support Subscription License                                                      | X267NLL | 5.229,68 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption OVA Live Data Transformation Resource Value Unit SUBSCRIPTION LICENSE                                                  | D07QBZX | 5.229,68 | Assinatura                |

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| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Learning for Cloud Individual Subscription (Role-based) for IBM Business Partner Internal Use Item per Annum                                                                               | D05WVZX | 5.229,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DevOps Model Architect Floating User Monthly License                                                                                                                                       | D0FIIZX | 5.223,41 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Express Performance Management User Authorized User SW Subscription & Support Reinstatement 12 Months                                                                               | D120QLL | 5.212,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                            | E0NU7LL | 5.212,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Authorized User SW Subscription & Support Reinstatement 12 Months                                                            | D0APTLL | 5.197,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Authorized User Value Unit from IBM FileNet Image Services Trade Up License + SW Subscription & Support 12 Months                                                  | D0Q46LL | 5.197,07 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Server Agent Managed Virtual Server Initial Fixed Term License + SW Subscription & Support 12 Months                                                                      | D12TILL | 5.197,07 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Server Agent per Managed Virtual Server Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                               | E0J17LL | 5.197,07 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 Warehouse for IBM Cloud Pak for Data Non-Production Virtual Processor Core SW Subscription & Support Reinstatement 12Months | D08MWZX | 5.191,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (751-1250) LIC + SW S&S 12 Months                                                                                                                | D108GLL | 5.186,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (751-1250) LIC + SW S&S 12 MO                                                                                                         | D1082LL | 5.186,53 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License                                                                               | D26S8LL | 5.182,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments for Red Hat OpenShift Virtual Processor Core Monthly License                                                                  | D26SNLL | 5.182,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Pack for Healthcare for Red Hat OpenShift Virtual Processor Core Monthly License                                                                          | D26SBLL | 5.182,93 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix OnLine Extended Edition Concurrent Session SW Subscription & Support Reinstatement 12 Months                                                                                      | D51QNLL | 5.180,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Software Suite per Terabyte Annual SW Subscription & Support Renewal 12 Months                                                                                                     | E0M69LL | 5.180,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Business Service Manager for the Enterprise Tier 3 Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                            | D0I0LLL | 5.180,77 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Fast Start-Supply Chain Insights-AddOn-Limited Time Access Instance per Month                                                                                          | D00FZZX | 5.179,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Enterprise Edition per Virtual Processor Core Monthly License                                                                                                           | D1YH5LL | 5.168,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault On-Premises Non-Production for Business Users per User Value Unit Annual SW Subscription & Support Renewal 12 Months                                       | D05YBZX | 5.168,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault On-Premises Non-Production for Privileged Users per User Value Unit SW Subscription & Support Reinstatement 12 Months                                      | D05Y3ZX | 5.168,58 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                       | D56P4LL  | 5.162,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Recovery Feature Authorized User Single Install License + SW Subscription & Support 12 Months                                                | D0ZSALL  | 5.162,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Configured Managed Server for Non-Production Environment Install SW Subscription & Support Reinstatement 12 Months                | D0J3NLL  | 5.162,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Service Registry and Repository Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                        | D59D4LL  | 5.162,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Digital Business Automation Express Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                              | D1WXMLL  | 5.156,39 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Express Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                               | D0Z1ILL  | 5.156,39 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                        | D0P08LL  | 5.156,39 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Professional Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                 | D0EP6LL  | 5.156,39 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Master Financial Services per Resource Value Unit Monthly License                                                                                 | D19CRLL  | 5.154,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Master for Financial Services Resource Value Unit Monthly License                                                                                 | D19F2LL  | 5.154,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Suite for IBM Cloud Paks Capacity Edition Virtual Processor Core Monthly License                                                                  | D27FKLL  | 5.141,89 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Monitor Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                             | D56KULL  | 5.137,71 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management Modernization Virtual Processor Core Subscription License Upgrade                                                                  | D03AJZX  | 5.135,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera High-Speed Transfer Endpoint 45Mbps Resource Value Unit Monthly License                                                                            | D1W4PLL  | 5.129,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Gentran Services Map On-Demand                                                                                    | D0MK5LL  | 5.123,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Gentran Services Map Set Up                                                                                       | D0MPVLL  | 5.123,71 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (251-500) SW Subscription & Support Reinstatement 12 Months                                            | D1NDMLL  | 5.122,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database Store Annual SW Subscription & Support Renewal                                      | E0FA8LL  | 5.122,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Store Annual SW Subscription & Support Renewal                                                                     | E0FA6LL  | 5.122,46 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas Concurrent User                                                                                            | D1TBMMLL | 5.117,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Build Forge Adaptor Toolkit Standard Edition Server Monthly License                                                                              | D1BHKLL  | 5.110,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Workgroup Edition - Archive File Access Terabyte Annual SW S&S Rnwl                                                              | E0773ZX  | 5.106,16 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2B Integrator and Sterling File Gateway Enterprise for Red Hat OpenShift Virtual Processor Core Subscription License | D28KWLL  | 5.096,80 | Assinatura                |



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| Real | 12 |                                                | PPA  | 7831 | IBM Voice Gateway 1000 Thousand Monthly Minutes SW Subscription & Support Reinstatement 12 Months                                     | D1STPLL | 5.095,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Robotic Process Automation Attended Bot Agent Concurrent Connection Annual SW Subscription & Support Renewal 12 Months            | EOR8BLL | 5.088,90 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Applications Virtual Processor Core Subscription License                                                            | D264ALL | 5.085,46 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Document Query Module Concurrent User SW Subscription & Support Reinstatement 12 Months              | D610ILL | 5.083,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Standard Edition Virtual Server LIC + SW S&S 12 MO                             | D08QZZX | 5.082,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Add-On Authorized User Value Unit Annual SW Subscription & Support Renewal                               | E0CPWLL | 5.076,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Add-On to Production Imaging Edition Authorized User Value Unit Annual SW Subscription & Support Renewal | E0CQ1LL | 5.076,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Authorized User License + SW Subscription & Support 12 Months          | D09MULL | 5.076,70 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Authorized User License + SW Subscription & Support 12 Months | D09PVLL | 5.076,70 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Floating User Single Install Monthly License                   | D1BR5LL | 5.075,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Store Edition Mega Resource Value Unit Monthly License                                                  | D184PLL | 5.075,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 for IBM Cloud Pak for Data Virtual Processor Core Monthly License  | D08LZZX | 5.060,37 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Processor Value Unit (PVU) SW S&S Reinstat 12 Mo                                      | D0ATFZX | 5.058,50 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Speech to Text Library for Embed (125,000 Monthly Minutes) Subscription License Upgrade                                    | D0CY5ZX | 5.047,83 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Secure Proxy for Red Hat OpenShift Virtual Processor Core Subscription License                                           | D28L0LL | 5.046,54 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM WebSphere Hybrid Edition Virtual Processor Core Subscription License                                                              | D29A0LL | 5.046,54 | Assinatura                |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Private Cloud Viewer 100 Authorized User Advanced Support per Annum                                                | E0E8IZX | 5.044,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Extended Support Subscription License  | X09LWZX | 5.035,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Virtual Processor Core Extended Support Subscription License           | X03IFZX | 5.035,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Connector for Fax Connection Monthly License                                                                              | D1FZTLL | 5.035,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integrated Analytics VPN Connectivity Instance per Month                                                                    | D1Q35LL | 5.024,22 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management Advanced Workspace Add-On Processor Value Unit (PVU) License + SW Subscription & Support 12 Months  | D1R02LL | 5.020,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (751-1250) SW Subscription & Support Reinstatement 12 Months                               | D1N1TLL | 5.015,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Solution for Applic Retirement incl Archive File Access Resource Value Unit LIC + SW S&S 12 MO                   | D077KZX | 5.009,94 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (2001+) License + SW Subscription & Support 12 Months                                                  | D1N1WLL | 5.003,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Erasure Code Edition for Multiplatforms Terabyte License + SW Subscription & Support 12 Months                                  | D2226LL | 5.003,47 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Netezza Performance Server for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                             | D0ALEZX | 4.997,16 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Business for Japan 10 Eligible Participants Advanced Support 12 Months                                                | E0DYKZX | 4.992,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Retail JAPAN ONLY 100 Eligible Participant Advanced Support 12 Months                                                 | E0DYHZX | 4.992,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Software Install Monthly License                                                                                              | D1RNELL | 4.985,79 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 45Mbps Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                             | E0P20LL | 4.983,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera High-Speed Transfer Endpoint 45Mbps Resource Value Unit from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months | D1YG8LL | 4.983,87 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Communications Server for Data Center Deployment Processor Value Unit License + SW Subscription & Support 12 Months                           | D0THLLL | 4.983,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (251-500) SW S&S Reinstatement 12 Months                                                            | D108DLL | 4.979,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (251-500) SW S&S REINSTATE 12 MO                                                         | D107ZLL | 4.979,07 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Equipment Maintenance Assistant Saas Non-Production Item Pay Per Use                                                                   | D01EUZX | 4.974,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights Saas Essentials Edition Managed Virtual Server Subscription per Month                                              | D0CV9ZX | 4.974,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Analytics 100 Events Per Second per Month                                                                               | D0A7SZX | 4.974,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Analytics for IBM Cloud Pak for Security Saas 100 Events Per Second per Month                                           | D05SSZX | 4.974,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Account Lifecycle Manager Engines On-Premises Install Subscription License                                          | D06STZX | 4.972,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ENTERPRISE VIDEO STREAMING SILVER EDITION Instance per Month                                                                                  | D0F8MZX | 4.968,26 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Aviation Limited Use Authorized User Annual SW Subscription & Support Renewal                                                      | E0LL4LL | 4.966,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Limited Use Authorized User Annual SW Subscription & Support Renewal                                                 | E0ED9LL | 4.966,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Limited Use Authorized User Annual SW Subscription & Support Renewal                                                   | E0EDBLL | 4.966,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Limited Use Authorized User Annual SW Subscription & Support Renewal                                                | E0EDDLL | 4.966,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Limited Use Authorized User Annual SW Subscription & Support Renewal                                                     | E0EDFLL | 4.966,86 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Cartridge for IBM CPD for Non-Production Environment Reserved Virtual Processor Core Advanced Support Subscription Lic              | Z09MAZX | 4.966,32 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Functional Tester Floating User Monthly License                                                                                                                                | D1BF2LL | 4.960,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Functional Tester Floating User Monthly License                                                                                                                                | D1BF4LL | 4.960,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Storage Capacity Expansion Terabyte License + SW S&S 12 Months                                                                                                           | D09Q2ZX | 4.946,25 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas Sandbox Instance Advanced Support per Month                                                                                                  | E0E6GZX | 4.943,39 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (13-32) SW Subscription & Support Reinstatement 12 Months                                                                                   | D1IWILL | 4.942,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for ARCAD Pack for Rational per Deployment Target, Unlimited Contacts SW Support 12 Months                                                                                | D0ZJPLL | 4.930,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Add-on Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                  | D04JFLL | 4.930,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                       | D04CHLL | 4.930,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Open XL Fortran for Linux on Power Authorized User Annual SW Subscription & Support Renewal                                                                                                 | E01M4LL | 4.930,25 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Publishing Floating User Monthly License                                                                                                             | D1BTCLL | 4.922,42 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Cartridge for IBM Cloud Pak for Data Virtual Processor Core Advanced Support Subscription License                                                                    | Z034SZX | 4.922,42 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Additional MDM Developer paygo Per Instance pay per use with Support                                                                                    | D1TVGLL | 4.909,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Big Replicate for Object Stores Terabyte License + SW Subscription & Support 12 Months                                                                                                  | D1YFVLL | 4.898,59 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Test Workbench Authorized User Single Install Monthly License                                                                                                                  | D1BMKLL | 4.895,79 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced Message Security for Retail Store Edition Store SW Subscription & Support Reinstatement 12 Months                                                                           | D0VLALL | 4.892,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Managed File Transfer Agent for Retail Store Edition Store SW Subscription & Support Reinstatement 12 Months                                                                         | D0VLCLL | 4.892,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Advanced Activity Monitor for Files Resource Value Unit from from Guardium Standard Activity Monitor for Files Trade Up License + SW Subscription & Support 12 Months | D1GPULL | 4.892,96 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Starter Edition CURRENCY VALUE UNIT SW Subscription & Support Reinstatement 12 Months                                                                     | D0VKALL | 4.892,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Starter Edition with Informix Database CURRENCY VALUE UNIT SW Subscription & Support Reinstatement 12 Months                                              | D0VLELL | 4.892,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Copy Services Manager Resource Value Units Annual SW Subscription & Support Renewal                                                                                                     | E0MK5LL | 4.881,44 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ on Cloud Virtual Processor Core Hybrid Entitlement Overage                                                                                                                           | D1YJALL | 4.862,55 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Simultaneous Session SW Subscription & Support Reinstatement 12 Months                                                                                  | D0J39LL | 4.857,03 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Configurator for eCommerce Certified Container Resource Value Unit Extended Support Subscription License                                                       | X28LMLL | 4.853,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloud Enterprise Records Silver Instance Advanced Support per Month                                                                                                     | E0DWVZX | 4.850,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for Multiplatforms, Concurrent User License + SW Subscription & Support 12 Months                                                                      | D04LELL | 4.844,83 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication Cartridge for IBM Cloud Pak for Data Virtual Processor Core Monthly License                                                             | D0BZ0ZX | 4.834,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Authorized User SW Subscription & Support Reinstatement 12 Months                                                              | D0PW8LL | 4.834,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Authorized User SW Subscription & Support Reinstatement 12 Months (z sellers)                                                  | D0PWALL | 4.834,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Advanced Edition Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                            | D0Q0QLL | 4.834,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Configured Managed Server to Control Center Director Non-Production Resource Value Unit TradeUp License + SW Subscription&Support 12 Months | D24X9LL | 4.823,98 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Call Center Add-on for Red Hat OpenShift User Value Unit SW Subscription & Support Reinstatement 12 Months                       | D26S1LL | 4.823,98 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Facilities Manager Concurrent User Monthly License                                                                                                          | D18W7LL | 4.816,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Real Estate Manager Concurrent User Monthly License                                                                                                         | D18W1LL | 4.816,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Operations Manager Concurrent User Monthly License                                                                                                | D18WDLL | 4.816,83 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server for Developers Authorized User SW Subscription & Support Reinstatement 12 Months                                                       | D51JZLL | 4.807,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Authorized User Single Install Annual SW Subscription & Support Renewal                                     | E0EJZLL | 4.796,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Gold Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                               | D10NDLL | 4.796,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on Sterling B2B Integrator Enterprise Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                    | D0J03LL | 4.796,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (501-750) Annual SW Subscription & Support Renewal                                                                     | E0MP6LL | 4.796,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Tools and Utilities Add On Authorized User Annual SW Subscription & Support Renewal                                             | E079ILL | 4.783,81 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Enterprise User Concurrent User Subscription per Month                                                     | D1UMJLL | 4.781,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud for US Federal Enterprise User Concurrent User Subscription per Month                                      | D1UMZLL | 4.781,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Enterprise User Concurrent User Per Month                                                                  | D1KLDLL | 4.781,72 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Red Hat OpenShift Virtual Processor Core Subscription License                                 | D08V7ZX | 4.759,40 | Assinatura                |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Analyzer Workbench Concurrent User Monthly License                                                                                      | D1D23LL | 4.752,23 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Enterprise as a Service Ten Thousand Virtual Processor Core-Hour per Annum                                                                         | D0CXPZX | 4.748,02 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Express Use Concurrent User Trade Up from 3 Maximo Asset Management Express Use Authorized User + SW Subscription & Support 12 Months  | D1Q6RLL | 4.743,71 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Build Committer Per Floating User Single Install License + SW Subscription & Support 12 Months                                                       | D1ABHLL | 4.738,70 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Standard Terabyte Transmitted per Annum                                                                                                        | D04Q6ZX | 4.730,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas for US Federal Concurrent User Overage                                                                              | D1TC9LL | 4.726,67 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Storage 100 Gigabyte Add-on 100 Gigabytes Overage                                                                             | D01Z4ZX | 4.713,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Central Management Aggregation Pack for Data Warehouses Resource Value Unit (TB) License + SW Subscription & Support 12 Months               | D1E0ULL | 4.704,84 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rapid Network Automation Process Monthly License                                                                                                               | D0FN5ZX | 4.702,95 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition from Standard Edition Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months             | D0J3YLL | 4.698,39 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Water Operations for Waternamics Express User on Cloud Authorized User Overage                                                                                 | D007FZX | 4.688,45 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Processor Value Unit Annual SW Subscription & Support Renewal                                                                        | E0K2FLL | 4.685,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Express Use Concurrent User Annual SW Subscription & Support Renewal                                                                   | E0LM7LL | 4.679,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months            | D10XDLL | 4.673,98 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                | D0J0VLL | 4.673,98 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Container Edition Resource Value Unit LIC + SW S&S 12 MO                                                          | D084XZX | 4.671,15 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Disaster Recovery 100 Resource Unit Trade Up from Eligible Program Reserved Trade Up License + Subscription & Support 12 Months | D0CNSZX | 4.669,09 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Disaster Recovery 100 Resource Unit Trade Up from Eligible Program Trade Up License + Subscription & Support 12 Months          | D0AEGZX | 4.669,09 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Security (Gen 3) Disaster Recovery 100 Resource Unit Trade Up from Eligible Program Trade Up License + SW Subscription & Support 12 Mo           | D05MEZX | 4.668,24 | Upgrade com Manutenção    |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Informix ESQ/C Development Registered User License + SW Subscription & Support 12 Months                                          | D6DGZLL | 4.668,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix ESQ/COBOL Concurrent Session License + SW Subscription & Support 12 Months                                               | D6DGILL | 4.668,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Express Use Authorized User SW Subscription & Support Reinstatement 12 Months                             | D0S8LLL | 4.668,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager For Applications 3 Agent Pack Resource Value Unit Annual SW Subscription & Support Renewal   | E0F3LLL | 4.668,24 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Virtual Processor Core Extended Support Subscription License                                                | X28CNLL | 4.665,33 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM StepZen Graph Server Enterprise Add on Million API Calls per Annum                                                                | D0EX7ZX | 4.663,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo APM for E&U Saas - Storage per Terabyte per Month                                                                          | D20F8LL | 4.663,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics as a Service Premium Instance Advanced Support per Month                                                       | E0GYRZX | 4.663,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Time Zone Support Instance Advanced Support per Month                                             | E0E4FZX | 4.663,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Order Management-EE-AddOn-Time Zone Support Instance Advanced Support per Month                                                       | E0E5MZX | 4.663,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                  | D03U7LL | 4.661,77 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Service Provider Management per Authorized User Annual SW Subscription & Support Renewal                                    | E0N7GLL | 4.653,42 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CICS Transaction Gateway Virtual Processor Core Monthly License                                                                   | D09XBZX | 4.652,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Advanced Support Subscription License     | Z09NZZX | 4.646,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Composer Add On Authorized User Monthly License                               | D1BQWLL | 4.644,55 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Privacy for Hadoop Resource Value Unit Annual SW Subscription & Support Renewal                                   | E0J05LL | 4.642,75 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Master Modernization Non-Production Virtual Processor Core SUBSCRIPTION LICENSE                                           | D06PMZX | 4.640,24 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor for MQ File Transfer Agent Install License + SW Subscription & Support 12 Months                           | D1HJ8LL | 4.631,62 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG & COBOL Tools Authorized User SW Subscription & Support Reinstatement 12 Months                      | D0C5GLL | 4.631,62 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Open Data for Industries Cartridge for IBM Cloud Pak for Data Reserved Non-Production Virtual Processor Core Subscription License | D09JQZX | 4.627,70 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Managed Service Providers Authorized User SW Subscription & Support Renewal                               | E05B3LL | 4.625,16 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Open Data for Industries Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Subscription License          | D04YTZX | 4.623,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Reporting for Non Production Environment Install Monthly Licence                                                          | D263KLL | 4.623,01 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Dedicated Node Data Increment Non Production 500 Gigabytes per Month                                                                                                 | D1UH5LL | 4.613,83 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Client Device License + SW Subscription & Support 12 Months                                                                                                         | D10MNLL | 4.610,78 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Breach Response Add-On per User Value Unit (Authorized User) Annual SW Subscription & Support Renewal                                                                          | E0Q06LL | 4.609,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar SOAR Breach Response Add-On per User Value Unit (Authorized User) from Resilient Incident Response Platform Migration Legacy Trade Up License + SW Subscription & Support 12 Months | D22NELL | 4.609,37 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                     | D1X9KLL | 4.605,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Add On Authorized User License + SW Subscription & Support 12 Months                                                                                                       | D0H0GLL | 4.605,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Linear Asset Manager Authorized User License + SW Subscription & Support 12 Months                                                                                                           | D040SLL | 4.605,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Motio ReportCard Processor Value Unit (PVU) LIC + SW S&S 12 MO                                                                                                                                          | D08Y4ZX | 4.600,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Client SDK Authorized User Single Install from ESQ/C Development Trade Up License + SW Subscription & Support 12 Months                                                                    | D54XPLL | 4.588,55 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                        | D07A8LL | 4.582,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                | D04AWLL | 4.582,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand for i Authorized User License + SW Subscription & Support 12 Months                                                                                                        | D0CKBLL | 4.576,35 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication Modernization Virtual Processor Core Subscription License Upgrade                                                                                                                  | D0BZBZX | 4.571,27 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management for Internal Service Providers Concurrent User Trade Up from 3 Max Asset Management for Internal Service Providers Authorized User + SW Subscription & Support 12 Months    | D1R6ELL | 4.546,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Government Limited Use Authorized User Annual SW Subscription & Support Renewal                                                                                                          | E0EEULL | 4.546,21 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Monthly License                                                                                         | D0C1KZX | 4.546,19 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Del and Svc Sched Add on Certified Container Resource Value Unit Extended Support Subscription License                                                               | X28LRLL | 4.539,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Customer Setup per Engagement                                                                                                                                                               | D1X6SLL | 4.539,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere DataStage Pack for SAS for Non-Production Environments Install Monthly License                                                                                                           | D19HCLL | 4.536,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data DataStage Enterprise Plus Reserved Virtual Processor Core Extended Support Subscription License                                                                                  | X09NWZX | 4.533,64 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Advanced Limited Use Processor Value Unit (PVU) SW Subscription & Support Renewal                                                                                                  | E060PLL | 4.530,51 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Floating User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                     | D26GVLL | 4.530,51 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Floating User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                  | E0QL2LL | 4.530,51 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Director Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                      | E0QB2LL | 4.530,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM StoredIQ for Legal Identification and Collection Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                    | D1X52LL | 4.530,51 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Rose Enterprise Floating User Monthly License                                                                                                                       | D1BH5LL | 4.527,37 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Account Lifecycle Manager On-Premises for Users Authorized User SW S&S REINSTATE 12 MO                                                             | D06T6ZX | 4.521,10 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Case Manager Non-Production Environment Copper 2.0 Instance Advanced Support per Month                                                                                           | E0DVUZX | 4.520,56 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Event Automation Non-Production Virtual Processor Core Annual SW Subscription & Support Renewal                                                                              | E0DUFZX | 4.519,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SmartCloud Application Performance Management Entry Managed Virtual Server License + SW Subscription & Support 12 Months                                                     | D0Q3VLL | 4.519,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Standard Edition Resource Value Unit from IBM Platform Symphony Express Edition Resource Value Unit Trade Up License + SW Subscription & Support 12 Months | D0Q1NLL | 4.519,85 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (1 to 1,000TB) subscription per Terabyte 12 Months                                                                                                      | D06C0ZX | 4.514,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Monthly License                                                                           | D0BRJZX | 4.514,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse Cartridge for IBM Cloud Pak for Data Virtual Processor Core Monthly License                                                                                    | D0AFMZX | 4.514,83 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                           | D0P2PLL | 4.509,19 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Limited Use Authorized User Annual SW Subscription & Support Renewal                                                                                | E0EEQLL | 4.497,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Publisher Authorized User Single Install Annual SW Subscription & Support Renewal                                                  | E07RMLL | 4.485,18 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | MongoDB Enterprise Advanced with IBM Non Production Virtual Server Subscription License                                                                                          | D26E6LL | 4.483,48 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Standard Edition for Non-Production Environment Install Monthly License                                                                                            | D25VDLL | 4.477,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Virtual Private Network Connection Advanced Support per Month                                                                                | E0E4GZX | 4.477,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Order Management-EE-AddOn-Virtual Protocol Network Connection Advanced Support per Month                                                                                         | E0E5NZX | 4.477,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational ClearCase Change Management Solution Enterprise Edition Floating User Monthly License                                                                               | D1BFKLL | 4.470,94 | Saas                      |



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| Real | 1  |                                                | PPA  | 7831 | IBM Watson Discovery Cartridge for IBM Cloud Pak for Data Additional Capacity for Non-Production Environment 8 Virtual Processor Core Subscription License | D26CILL | 4.470,94 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Discovery CRTG for IBM CPD Additional Capacity for NPE Reserved 8 Virtual Processor Core Subscription License                                   | D09NGZX | 4.470,94 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Mega for Red Hat OpenShift per Resource Value Unit Subscription License                               | D28LWLL | 4.464,67 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Limited Use per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                   | D16G9LL | 4.450,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor Authorized User Annual SW Subscription & Support Renewal                                              | E09R5LL | 4.450,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Authorized User Annual SW Subscription & Support Renewal        | E0H3HLL | 4.450,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                      | D0I3ZLL | 4.450,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Standard Edition for Non-Production Environment Connection Trade Up License                                                       | D083JZX | 4.448,58 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise Tier Reserved Instance Million API Calls Overage                                                                                | D1X4ZLL | 4.445,94 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | InfoSp Optim Archive Enterprise Ed Accelerator or Oracle Applications Processor Value Unit (PVU) SW S&S Reinstat 12 Mo                                     | D0AT7ZX | 4.445,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | InfoSphere Optim Management Test Data Enterprise Edition Processor Value Unit (PVU) SW S&S Reinstat 12 Mo                                                  | D0BB2ZX | 4.440,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Open XL CC ++ for Linux on Power Authorized User SW Subscription & Support Renewal                                                                         | E01M2LL | 4.440,22 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Supp Collab Add on Certified Container Resource Value Unit Advanced Support Subscription License                        | Z28LQLL | 4.439,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ for Non-Production Environment Virtual Processor Core Annual SW S&S Rnwl                                                                            | E0ETQZX | 4.434,57 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Answer Retrieval for Watson Discovery Resource Value Unit Subscription                                                                                 | D29MJLL | 4.433,31 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Enterprise Edition CPU Option Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                               | D0IJGLL | 4.429,55 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (65-100) License + SW Subscription & Support 12 Months                                                     | D1IWRL  | 4.429,55 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ on Cloud Virtual Processor Core Hybrid Entitlement per Month                                                                                        | D1YJ8LL | 4.421,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ on Cloud Virtual Processor Core Overage                                                                                                             | D1XEQLL | 4.421,07 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Application Center Concurrent User License + SW Subscription & Support 12 Months                                                          | D0Q11LL | 4.417,70 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas Concurrent User Overage                                                                                     | D1TAXLL | 4.414,85 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Scheduler Plus per Authorized User Annual SW Subscription & Support Renewal                                                    | E0NSDLL | 4.413,25 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Central Management and Aggregation Pack for Big Data Resource Value Unit (MVS) License + SW Subscription & Support 12 Months | D1E02LL | 4.411,96 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Concurrent User Subscription License                                                                                  | D0EQ4ZX | 4.408,23 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Enterprise Gateway Manager Server Monthly License                                                                                     | D19R3LL | 4.407,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak System Software Virtual Processor Core Monthly License                                                                               | D26UYLL | 4.398,54 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Reserved Virtual Processor Core SUBSCRIPTION LICENSE                                                     | D080FZX | 4.395,69 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Virtual Processor Core Subscription License                                                              | D264MLL | 4.393,30 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Enterprise Edition Virtual Server SW S&S REINSTATE 12 MO                                    | D08QGZX | 4.393,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (1251-2000) Annual SW S&S Rnwl                                                                          | E0LV4LL | 4.393,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (1251-2000) Annual SW S&S Rnwl                                                                          | E0LVBLL | 4.393,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Quality and Governance Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months     | D0P36LL | 4.387,55 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Integration Virtual Processor Core Subscription License Upgrade                                                                  | D268ALL | 4.386,12 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Insight Edition Add-On Silver Instance Advanced Support per Month                                                                      | E0FZQZX | 4.383,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM IBM Sterling Partner Engagement Manager Standard Edition Resource Value Unit License + SW Subscription & Support 12 Months                     | D29PLLL | 4.375,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition per Entity ID License + Software Subscription and Support 12 Months                       | D28ZPLL | 4.375,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning TM1 Explorer Authorized User SW Subscription & Support Reinstatement 12 Months                                      | D0C11LL | 4.370,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Cursive Recognition for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months        | D1JZMLL | 4.370,61 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Modernization Non-Production Reserved Virtual Processor Core Extended Support Subscription License                   | X0971ZX | 4.370,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center Developer Edition Authorized User Monthly License                                                                 | D17ZULL | 4.370,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Architect InfoSphere Data Architect Floating User Monthly License                                                              | D19A4LL | 4.370,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Architect InfoSphere Data Architect Floating User Monthly License                                                              | D19A5LL | 4.370,61 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Network Scanning Device Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                          | D16S6LL | 4.365,59 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Occasional Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                | D16RQLL | 4.365,59 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (above 10,000TB) subscription per Terabyte 24 Months                                                                            | D06C8ZX | 4.364,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas Configuration Management Instance Advanced Support per Month                                              | E0E6HZX | 4.352,67 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Data Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                    | D0IV6LL | 4.344,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local User Authorized User Annual SW Subscription & Support Renewal                                                               | E0N90LL | 4.344,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Enterprise Processor Value Unit (PVU) License + SW Subscription & Support 12 Months      | DOJ0WLL | 4.344,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor Secure Proxy Non-Production for Redhat Openshift Certified Container Virtual Processor Core Trade Up License                  | D09YYZX | 4.338,63 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas for US Federal Concurrent User per Month                                                              | D1TBNLL | 4.334,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Master Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core SUBSCRIPTION LICENSE                                       | D06PCZX | 4.332,28 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Developer for Ada Authorized User Monthly License                                                                | D1BR0LL | 4.326,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Developer for C++, C, and Java Authorized User Monthly License                                                   | D1BR2LL | 4.326,71 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise for non-production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                   | D1VWHLL | 4.326,54 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Authorized User Annual SW Subscription & Support Renewal                 | E08XQLL | 4.326,54 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium for Application Encryption Resource Value Unit Subscription License                                                                | D0CZMZX | 4.320,44 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium for File and Database Encryption Resource Value Unit SUBSCRIPTION LICENSE                                                          | D07Q8ZX | 4.320,44 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium for Tokenization Resource Value Unit Subscription License                                                                          | D0CZTZX | 4.320,44 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Employee User Value Unit from IBM FileNet Image Services Trade Up License + SW Subscription & Support 12 Months | D0Q2XLL | 4.320,07 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Multi Payment Communication Gateway Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                         | D5824LL | 4.314,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Employee User Value Unit Annual SW Subscription & Support Renewal                                                           | E0AXRLL | 4.314,33 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR MSSP on Cloud Add-On (CU) Concurrent User Overage                                                                                      | D22V4LL | 4.314,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Endpoint 500 Mbps Install Monthly License                                                                                                     | D04GXZX | 4.307,15 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Security Verify Privilege On-Premises 1000 FlexPoint SW Subscriptn & Supt Reinstatement 12 Months                                           | D28Z3LL | 4.307,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Entry-level Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                                       | D0T5CLL | 4.306,65 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Service Endpoint Dedicated Connectivity Paygo Instance Pay per Use                                                                                                                                   | D01MHZX | 4.306,31 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition Authorized User Annual SW Subscription & Support Renewal                                                                                         | E0HMQLL | 4.301,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG/COBOL + Modernization Tools, Java Edition Authorized User tradeup from RPG and COBOL + Modernization Tools, EGL Edition Authorized User Trade Up License + SW Subscription & Support 12 Months | D0ZNILL | 4.301,63 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 4x32 Bare Metal Small (4 cores, 32GB Memory, 2TB SATA, 10Gbps Bonded Network) per Instance Pay per Use                                                                                             | D1WFTLL | 4.286,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 4x32 Bare Metal Small (4 cores, 32GB Memory, 2TB SATA, 10Gbps Bonded Network) per Instance Pay per Use                                                                                           | D01SIZX | 4.286,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Storage 100 Gigabyte Add-on 100 Gigabytes per Month                                                                                                                                        | D01Z3ZX | 4.284,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud Azure VMs and Storage with Storage 10 Terabytes Overage                                                                                                                                           | D0EQKZX | 4.284,27 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                    | D06WFLL | 4.280,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Processor Value Unit (PVU) from IBM InfoSphere DataStage Server PVU Trade Up License + SW Subscription & Support 12 Months                                                                             | D03TZLL | 4.280,31 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual 1000 External Pack User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                                  | D1HGGLL | 4.274,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (1251-2000) License + SW Subscription & Support 12 Months                                                                                                                | D1NDSLL | 4.269,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                                                                    | E054ULL | 4.269,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Database Services per Resource Value Unit (MAPC) SW Subscription & Support Reinstatement 12 Months                                                                                    | D277BLL | 4.269,66 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Foundation Virtual Processor Core Subscription License                                                                                                                                                   | D264ZLL | 4.264,08 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server - Express Developer Authorized User License + SW Subscription & Support 12 Months                                                                                                              | D522PLL | 4.264,01 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Water Operations for Waternamics Express User on Cloud Authorized User Per Month                                                                                                                                            | D007EZX | 4.259,40 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Spatial Asset Management Concurrent User License + SW Subscription & Support 12 Months                                                                                                                               | D1R82LL | 4.253,32 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Integration Reserved Virtual Processor Core Subscription License Upgrade                                                                                                                                      | D09E8ZX | 4.251,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License                                                                                                           | D28KILL | 4.251,47 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments for Red Hat OpenShift Virtual Processor Core Subscription License                                                                                              | D28KQLL | 4.251,47 | Assinatura                |

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| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Healthcare for Red Hat OpenShift Virtual Processor Core Subscription License                                                                                                           | D28KLLL | 4.251,47 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (501-750) Annual SW Subscription & Support Renewal                                                                                                                                                | E0LW7LL | 4.246,85 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Quality Professional Floating User Single Install Monthly License                                                                                                                                    | D1BIXLL | 4.245,20 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Pack Virtual Testers 5 Floating User Annual SW Subscription & Support Renewal                                                                                                                          | E012ILL | 4.241,11 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Call Center Add-on for Red Hat OpenShift User Value Unit Trade Up License from IBM Sterling Order Management Call Center Add-on User Value Unit License + SW Subscription & Support 12 Months | D0BQ5ZX | 4.237,67 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Natural Language Processing Library for Embed 250,000 Monthly API Calls Annual SW Subscription & Support Renewal                                                                                                          | E0CU7ZX | 4.237,67 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson Text to Speech Library for Embed (12,500,000) Monthly Characters SW Subscription & Support Renewal                                                                                                                        | E0CXWZX | 4.237,67 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | SingleStoreDB Premium with IBM Non Production Virtual Server Subscription License                                                                                                                                                    | D0A4LZX | 4.232,66 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | SingleStoreDB Standard with IBM Virtual Server Subscription License                                                                                                                                                                  | D092YZX | 4.232,66 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Base-Labor-Large Map Change-Map Pay Per Use                                                                                                                                                        | D005IZX | 4.228,31 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management for Internal Service Providers Concurrent User Annual SW Subscription & Support Renewal                                                                                                                  | E0N7ZLL | 4.227,02 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Non-Financial Services Resource Value Unit SW Subscription and Support Renewal 12 Months                                                                                                                          | E0CY1LL | 4.227,02 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Professional Authorized User Monthly License                                                                                                                                                                     | D17R5LL | 4.226,38 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Requirements Management DOORS family Floating User Monthly License                                                                                                                                                   | D1BPYLL | 4.220,11 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management Advanced Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                                                       | E0NU3LL | 4.216,35 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | DataStax Enterprise with IBM Non Production Virtual Server Subscription License                                                                                                                                                      | D04MTZX | 4.213,84 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Protect for Workstations 25 Client Devices SW Subscription & Support Reinstatement 12 Months                                                                                                                            | D1IVGLL | 4.210,24 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite - Archive Option Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                                                                | D1IMNLL | 4.210,24 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite - IBM Cloud Object Storage Option Managed Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                                       | D1V8JLL | 4.210,24 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect Virtual Servers High Storage Medium Instance Pay per Use                                                                                                                                                     | D01ZXZX | 4.200,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Services Web Services/IDM Toolkit Client Device Monthly License                                                                                                                                                    | D1D8ZLL | 4.199,47 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Basic Edition on Cloud Instance Advanced Support per Month                                                                                                                                                             | E0GLJZX | 4.197,22 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Editor Authorized User per Annum                                                                                                                                                                                  | D0PQILL | 4.193,52 | Saas                     |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Accounts Payable Authorized User Value Unit Monthly License                                                                                                | D1FZPLL | 4.192,29 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Case Management Eligibility and Entitlement Add-On per Authorized User Annual SW Subscription & Support Renewal                                              | EON7CLL | 4.184,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Case Management per Authorized User Annual SW Subscription & Support Renewal                                                                                 | EON77LL | 4.184,38 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Capacity 100 Events per Second Monthly License                                                                                               | D1RNMLL | 4.181,31 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for SAP Applications Authorized User Value Unit License + SW Subscription & Support 12 Months                                                    | D0E05LL | 4.178,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Monitor for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                           | D151SLL | 4.173,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management User Workspace Add-On Authorized User License + SW Subscription & Support 12 Months                                                  | D1RA4LL | 4.173,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Scheduler Authorized User from IBM Maximo Adapter for Primavera Authorized User Trade Up Licence + SW Subscription & Support 12 Months     | D17I5LL | 4.173,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                      | D0J1HLL | 4.173,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months              | E0AGTLL | 4.167,88 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer per Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months             | D0G5ULL | 4.167,88 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Modeling for Communications Applications for Ratl Professional Bundle Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months    | D0BBDLL | 4.167,88 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Modeling for Communications Applications for Ratl Professional Bundle Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months | E07W0LL | 4.167,88 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for FTI Ringtail eDiscovery Legal Review Named User SW Support 12 Months                                                                             | D1E1TLL | 4.163,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Integration Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                    | D0P4NLL | 4.161,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Internal Service Providers Authorized User SW Subscription & Support Reinstatement 12 Months                                               | D04Y1LL | 4.161,43 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Announcements for Salesforce Install Monthly License                                                                                                               | D0EZAZX | 4.157,41 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maps for Salesforce Install Monthly License                                                                                                                        | D0F03ZX | 4.157,41 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Video for Salesforce Install Monthly License                                                                                                                       | D0F0WZX | 4.157,41 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant for Salesforce Install Monthly License                                                                                                            | D0F14ZX | 4.157,41 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Analytic Server Virtual Server Monthly License                                                                                                                | D1TRALL | 4.156,40 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (1251-2000) LIC + SW S&S 12 Months                                                                                       | D108ILL | 4.149,22 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (1251-2000) LIC + SW S&S 12 MO                                                               | D1084LL | 4.149,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Limited Use Authorized User Annual SW Subscription & Support Renewal                                                      | E0AUTLL | 4.146,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Insights for IBM Cloud Pak for Security per Resource Value Unit (VPC) SW Subscription & Support Reinstatement 12 Months         | D28R7LL | 4.146,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Premium Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                           | D0EQSLL | 4.143,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months    | D0APWLL | 4.136,09 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months | E07M6LL | 4.136,09 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor & Director for C-D Solo Edition Resource Value Unit Annual SW Subscription & Support Renewal 12 Months            | E0MYMLL | 4.136,09 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Cast Iron Live Enterprise Edition Unrestricted Application Endpoints Install Advanced Support per Month                                 | E0DXXZX | 4.135,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex Concurrent User Overage                                                                                                      | D1UJ1LL | 4.128,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex for US Federal Concurrent User Overage                                                                                       | D1UKKLL | 4.128,82 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Enterprise Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                             | E0MCLLL | 4.128,69 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Recovery Expert Virtual Processor Core Monthly License                                                                                        | D07YFZX | 4.126,05 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Dev Ops 1000 FlexPoint SW Subscription & Support Reinstatement 12 Months                                                                    | D1WQWLL | 4.124,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Integration 1000 FlexPoint SW Subscription & Support Reinstatement 12 Months                                                                | D1VYRLL | 4.124,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite Capacity User Value Unit SW Subscription & Support Reinstatement 12 Months                                                     | D1VP1LL | 4.124,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Management Edition per Terabyte License + SW Subscription & Support 12 Months                                                  | D1VLALL | 4.124,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Standard Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                     | D03S0LL | 4.119,07 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks Capacity Edition Virtual Processor Core Subscription License                                                     | D27FMLL | 4.113,32 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Server Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months           | D10X1LL | 4.106,88 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Server Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months        | E0I5TLL | 4.106,88 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Message Broker Retail Store Edition Store Annual SW Subscription & Support Renewal                                                      | E0FAULL | 4.106,88 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Add-on for FIPS Install Monthly License                                                                                   | D182ALL | 4.106,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Add-on for FIPS Install Monthly License                                                                                     | D183FLL | 4.106,15 | Saas                      |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Call Center-Standard Edition-AddOn-Data Storage Terabyte Advanced Support per Month                                                           | E0DY0ZX | 4.103,95 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Order Management AddOn-Data Storage Terabyte Advanced Support per Month                                                                           | E0E48ZX | 4.103,95 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Key Protect on Satellite Base Instance Pay per Use                                                                                            | D0A4RZX | 4.095,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                           | D0EF5LL | 4.094,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Message Broker Retail Store Edition Idle Standby Store License + SW Subscription & Support 12 Months                                | D0VL7LL | 4.094,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced CURRENCY VALUE UNIT License + SW Subscription & Support 12 Months                                      | D0VK1LL | 4.094,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database CURRENCY VALUE UNIT License + SW Subscription & Support 12 Months       | D0VK5LL | 4.094,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Collaboration Authorized User License + SW Subscription & Support 12 Months                                               | D1NF6LL | 4.088,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Authorized User from Cognos NoticeCast Web Authorized User Trade Up License + SW Subscription & Support 12 Months       | D1AC2LL | 4.088,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Authorized User from Cognos Visualizer Web Authorized User Trade Up License + SW Subscription & Support 12 Months       | D1AC4LL | 4.088,21 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Inventory Visibility Million API Calls Advanced Support per Month                                                   | E0E50ZX | 4.085,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Extended Support Subscription License          | X096JZX | 4.082,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Virtual Processor Core Extended Support Subscription License                   | X03JTZX | 4.082,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication Non-RDBMS Targets Install Extended Support Subscription License                                                   | X04QZZX | 4.075,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ Advanced Virtual Processor Core Monthly License                                                                                            | D1RYWLL | 4.075,89 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition Non-Production Certified Container Virtual Processor Core Trade Up License                            | D09YHZX | 4.072,13 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | Motio PI Professional per Authorized User Subscription License                                                                                    | D29L1LL | 4.069,62 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                        | D55IULL | 4.067,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Turbonomic Application Resource Management On Prem Managed Virtual Server SW Subscriptn & Supt Reinstatement 12 Months                        | D28F8LL | 4.067,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Classic Edition for Non-Production on Cloud Instance Advanced Support per Month                                                     | E0GLLZX | 4.066,64 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment Simultaneous Session License + SW Subscription & Support 12 Months             | D0J3VLL | 4.061,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Add-on for Red Hat OpenShift Resource Value Unit License + Software Subscription & Support 12 Months | D26RHLL | 4.061,47 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas Concurrent User                                                                                | D1TBLLL | 4.060,42 | Saas                      |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Inventory Visibility Test Environment Instance Advanced Support per Month                                                                                                                                                      | E0E65ZX | 4.060,42 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer Content Reader Authorized User License + SW Subscription & Support 12 Months                                                                                                                          | D0G65LL | 4.056,46 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Availability - Db2 Database Virtual Processor Core Monthly License                                                                                                                                                                  | D24Q4LL | 4.055,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Natural Language UnderstandingStandard plan, One Custom Model Instance Fee Instance Pay Per Use                                                                                                                                                   | D1R2MLL | 4.053,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy for Apache Hadoop Resource Value Unit Annual SW S&S Rnwl                                                                                                                                                                   | E0BAAZX | 4.050,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Application Suite per AppPoint from Eligible Programs Trade Up Licence + SW Subscription & Support 12 Months                                                                                                                                      | D29HYLL | 4.050,81 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                                                                    | D08M0ZX | 4.048,72 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Gold for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                         | D10NKLL | 4.045,79 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise Tier Reserved Instance Million API Calls per Annum                                                                                                                                                                                | D1X4XLL | 4.044,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics as a Service Add-On Storage per 512 Gigabyte per Month                                                                                                                                                                                | D0DDRZX | 4.041,77 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Development Authorized User for zSeries (S/390)SW Subscription & Support Reinstatement 12 Months                                                                                                                                            | D52AZLL | 4.039,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Development Registered User SW Subscription & Support Reinstatement 12 Months                                                                                                                                                               | D6DJCLL | 4.039,39 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Modernization Reserved Virtual Processor Core Advanced Support Subscription License                                                                                                                                                | Z09J2ZX | 4.038,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Targets for z/OS Sources Install Advanced Support Subscription License                                                                                                                                                                  | Z04QMZX | 4.038,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Security Verify Privilege Vault Replication On-Premises Install Monthly License                                                                                                                                                                 | D28ZGLL | 4.038,27 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition for Non-Production Environments Processor Value Unit (PVU) from IBM InfoSphere Information Server for Business Information Exchange Non Prod PVU Trade Up License + SW Subscription & Support 12 Months | D0P50LL | 4.033,66 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Limited Authorized User License + SW Subscription & Support 12 Months                                                                                                                                                                          | D25UCLL | 4.033,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Sentinel Terabyte SW S&S Reinstat 12 Mo                                                                                                                                                                                                         | D0AA9ZX | 4.029,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 33-64 License + SW Subscription & Support 12 Months                                                                                                                                                                | D11L3LL | 4.027,19 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ on Cloud Virtual Processor Core per Month                                                                                                                                                                                                             | D1XEPLL | 4.023,11 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                                                                                            | E0QQ7LL | 4.014,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Advanced Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                                                | D1L3VLL | 4.014,99 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Data Integration for Enterprise Non-Production Environments Per Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                              | D1RHDLL | 3.999,89 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog Manager for Suppliers-Trading Partner Access-Entity ID Overage                                                       | D014XZX | 3.998,24 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Resource Value Unit Annual SW Subscription & Support Renewal                                                                                                   | E0BR5LL | 3.997,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (751-1250) Annual SW Subscription & Support Renewal                                                                          | E0MP7LL | 3.997,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx.data Non-Production Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                                                     | E0F4XZX | 3.997,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Advanced Edition Resource Value Unit from Platform Symphony Standard Edition Resource Value Unit Trade Up License + SW Subscription & Support 12 Months | D0Q1SLL | 3.992,50 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar High Availability Software Install Monthly License                                                                                                                 | D1RS2LL | 3.990,79 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM System Storage SAN Volume Controller Entry Edition Base Virtualizaiton Disk Drive SW Subscription & Support Reinstatement 12 Months                                       | D0582LL | 3.990,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Discover and Classify for Structured Data per Resource Value Unit (MVS) Annual SW Subscription & Support Renewal                                                 | E0CEUZX | 3.988,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (1251-2000) SW Subscription & Support Reinstatement 12 Months                                                                      | D1N1VLL | 3.986,85 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Command Center Production Server Connection per Connection Monthly License                                                                                         | D17NQLL | 3.981,83 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Manager for Server Managed Server per Annum                                                                                                     | D04HYZX | 3.977,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Configure Price Quote for eCommerce Certified Container Resource Value Unit Advanced Support Subscription License                                                    | Z28LLLL | 3.975,56 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Real-time Compression Storage Capacity Unit License + SW Subscription & Support 12 Months                                                           | D1NG4LL | 3.965,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Express Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                             | D1X9QLL | 3.960,44 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Authorized User Term Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                       | E0IHVLL | 3.953,97 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments Agent for Citrix XenApp Resource Value Unit License + SW Subscription & Support 12 Months                                      | D0LMBLL | 3.948,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments Agent for Citrix XenDesktop Resource Value Unit License + SW Subscription & Support 12 Months                                  | D0LM9LL | 3.948,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments for Citrix XenServer Resource Value Unit License + SW Subscription & Support 12 Months                                         | D0IAZLL | 3.948,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments Resource Value Unit License + SW Subscription & Support 12 Months                                                              | D0IAVLL | 3.948,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Advanced Authorized User SW Subscription & Support Renewal                                                                                               | E0K34LL | 3.936,03 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Curam Income Support Authorized User Annual SW Subscription & Support Renewal                                                                                       | E0E7KLL | 3.933,55 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Platform Private Cloud Base with IBM Virtual Server Subscription License Upgrade                                                                          | D2801LL | 3.931,67 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Floating User Single Install Monthly License                                                                 | D1BJELL | 3.925,40 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Bot Insight Virtual Server Advanced Support Subscription License                                                | Z267NLL | 3.925,40 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Authorized User Annual SW Subscription & Support Renewal                                                                                       | E09NNLL | 3.923,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Cartridge for IBM Cloud Pak for Data Authorized User SW Subscription and Support Renewal 12 Months                                        | E03H8ZX | 3.922,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center CPLEX Engine Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                  | D0IV2LL | 3.922,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center CPLEX Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                              | D0957LL | 3.922,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                             | D0IZQLL | 3.922,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months          | D0J14LL | 3.922,89 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Platform Private Cloud - GPU Add-on with IBM General Purpose Graphics Proc Unit Subscription License                                                      | D0BEGZX | 3.919,13 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Science Workbench - GPU Add-on with IBM General Purpose Graphics Proc Unit Subscription License                                                           | D0BE8ZX | 3.919,13 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR MSSP on Cloud Add-On (CU) Concurrent User per Month                                                                                                   | D22UZLL | 3.919,13 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Enterprise Edition Processor Value Unit (PVU) from Informix Advanced Workgroup Edition CPU Trade Up License + SW Subscription & Support 12 Months | D0ZDQLL | 3.917,36 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 1-12 SW Subscription & Support Reinstatement 12 Months                                                                        | D1IL0LL | 3.917,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM High-Speed Add-on for Connect-Direct Endpoint Non-Production Environment Install Annual SW Subscription & Support Renewal 12 Months                                 | E0KPRLL | 3.896,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal                                      | E08KQZX | 3.896,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Verification Engine Authorized User License + SW Subscription & Support 12 Months                                                                             | D0S6KLL | 3.890,91 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody TestConductor Add On Floating User Single Install Monthly License                                                               | D1BR7LL | 3.887,77 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Workgroup Edition CPU Option Virtual Processor Core Monthly License                                                                                        | D229PLL | 3.887,77 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Pack for Supply Chain EDI for Red Hat OpenShift Virtual Processor Core Monthly License                                             | D26SHLL | 3.887,77 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Authorized User License + SW Subscription & Support 12 Months                                                         | D26GOLL | 3.885,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify On-Premises per 1000 FlexPoint SW Subscription & Support Reinstatement 12 Months                                                                                 | D25LSLL | 3.885,90 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation Unattended Bot Agent Concurrent Connection Subscription License                                                                                       | D299VLL | 3.881,50 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Tivoli Composite Applications for Application Diagnostics Resource Value Unit Monthly License                                                                             | D18TDLL | 3.881,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Express Edition CPU Option Limited Use Virtual Server Monthly License                                                                                                   | D19N8LL | 3.868,96 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                     | D0BZ1ZX | 3.868,96 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning User Authorized User Annual SW Subscription & Support Renewal 12 Months                                                                               | E0NW5LL | 3.868,54 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management User Trade Up from IBM Cognos Enterprise Planning Contributor Authorized User Trade Up License + SW Subscription & Support 12 Months               | D1UDBLL | 3.868,54 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management User Authorized User from IBM Cognos Enterprise Planning User Authorized User Trade Up License + SW Subscription & Support 12 Months               | D22CYLL | 3.862,81 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Service Registry and Repository Processor Value Unit (PVU) Trade Up from Qualified Competitor Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D03PULL | 3.862,81 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Essentials Edition for Non-Production Environment Connection Trade Up License                                                                               | D0836ZX | 3.856,34 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Analytics for Non-Production Environment 100 Events Per Second per Month                                                                                   | D0A8WZX | 3.855,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud Azure VMs and Storage with Storage 10 Terabytes per Month                                                                                              | D0EQJZX | 3.855,22 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Browser for Business 10 Eligible Participants per Annum                                                                                                          | D172ELL | 3.850,20 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Browser for Retail 100 Eligible Participant per Annum                                                                                                            | D172KLL | 3.850,20 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Carbon Copy 10 Eligible Participants per Annum                                                                                                                 | D1722LL | 3.850,20 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Carbon Copy for Retail 100 Eligible Participants per Annum                                                                                                     | D171YLL | 3.850,20 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Fraud Feeds for Business 10 Eligible Participants per Annum                                                                                                     | D1726LL | 3.850,20 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Fraud Feeds for Retail 100 Eligible Participant per Annum                                                                                                       | D171SLL | 3.850,20 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Business 10 Eligible Participants per Annum                                                                                             | D1717LL | 3.850,20 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Retail 100 Eligible Participant per Annum                                                                                               | D1713LL | 3.850,20 | Saas                      |

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| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Remediation for Retail 100 Eligible Participant per Annum                                                                                   | D173QLL | 3.850,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Analyzer Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                     | D03UGLL | 3.848,27 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Assistant for Voice Interaction Cartridge IBM Cloud Pak for Data 10 Thousand Monthly Minutes                                                          | D2690LL | 3.847,72 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flows Capacity for Non-Production 10K Flows Per Minute Monthly License                                                                       | D20N8LL | 3.843,30 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (501-750) SW Subscription & Support Reinstatement 12 Months                                               | D1NDPLL | 3.843,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Advanced Activity Monitor for Data Warehouses Resource Value Unit (TB) Annual SW Subscription & Support Renewal                            | E0L07LL | 3.843,26 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Co-Managed VPN Connection On-Demand Setup                                                                        | D0MKFLL | 3.842,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Co-Managed VPN Connection Set Up                                                                                 | D0MPULL | 3.842,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data 10 Thousand Monthly Minutes Extended Support Subscription License                                      | X26B2LL | 3.837,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Eng Requirements Management DOORS Next Saas for US Federal Concurrent User Overage                                                                           | D1TD5LL | 3.836,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas for US Federal Concurrent User per Month                                                                          | D1TC8LL | 3.836,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Saas for US Federal Concurrent User Overage                                                          | D1TBVLL | 3.836,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Saas for US Federal Concurrent User Overage                                                                | D1TBZLL | 3.836,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Saas for US Federal for US Federal Concurrent User Overage                                                                       | D1TD3LL | 3.836,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Saas for US Federal Concurrent User Overage                                                                                  | D1TCBLL | 3.836,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flows Capacity for Disaster Recovery 10K Flows Per Minute Monthly License                                                                    | D1RR7LL | 3.833,69 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module per Processor Value Unit License + SW Subscription & Support 12 Months                 | D1GTALL | 3.827,69 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Modernization Authorized User From IBM Cognos Analytics User Per Authorized User Trade Up License + Subscription and Support 12 Months | D03EFZX | 3.826,18 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Enterprise Edition Employee User Value Unit License + SW Subscription & Support 12 Months                                                    | D07A9LL | 3.813,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Employee User Value Unit License + SW Subscription & Support 12 Months                                                               | D04AKLL | 3.813,99 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data Reserved 10 Thousand Monthly Active Users Extended Support Subscription Lic                            | X08DDZX | 3.812,52 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Authorized User Annual SW Subscription & Support Renewal                                                                          | E0CVILL | 3.805,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Add-On Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                     | D0L3ELL | 3.805,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Add-On to Production Imaging Edition Employee User Value Unit SW Subscription & Support Reinstatement 12 Months       | D0L3QLL | 3.805,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Solutions Accelerator Server Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D0N2VLL | 3.805,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Network Adapter Client Device SW Subscription & Support Reinstatement 12 Months                    | D0L4TLL | 3.805,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Add-on Resource Value Unit License + Software Subscription & Support 12 Months                                 | D0NX1LL | 3.805,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (33-64) SW Subscription & Support Reinstatement 12 Months                                          | D1IWKLL | 3.805,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                       | D0ENVLL | 3.800,62 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Standard Edition VPC Option Virtual Processor Core Monthly License                                                                         | D24PHLL | 3.799,98 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages as a Service Essentials Instance Pay per Use                                                                                         | D0GZUX  | 3.799,69 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Enterprise Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                          | D1K17LL | 3.794,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Calibration Authorized User License + SW Subscription & Support 12 Months                                                               | D03X4LL | 3.783,12 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Advanced Support Subscription License               | Z09LWZX | 3.781,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Virtual Processor Core Advanced Support Subscription License                        | Z03IFZX | 3.781,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Supply Collaboration Instance Advanced Support per Month                                                       | E0E4DZX | 3.780,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Order Management-EE-AddOn-Supply Collaboration Instance Advanced Support per Month                                                                 | E0E5YZX | 3.780,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect Virtual Servers Standard Storage Medium Instance Pay per Use                                                               | D0200ZX | 3.780,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Pack for SAP Applications for Red Hat OpenShift Virtual Processor Core Monthly License                        | D26SULL | 3.774,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Account Lifecycle Manager On-Premises for Users Non-Production Authorized User Lic + SW S&S 12 MO                    | D06SDZX | 3.768,63 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Rapid Network Automation Process Subscription License                                                                                          | D0FN6ZX | 3.762,36 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise Tier Hybrid Million API Calls Overage                                                                                   | D1X50LL | 3.761,95 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SE Developer Concurrent User SW Subscription & Support Reinstatement 12 Months                                                        | D52EGLL | 3.757,98 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Patient Hub - Advanced Edition Resource Value Unit License + SW Subscription & Support 12 Months                                    | D0NUQLL | 3.752,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Authorized User Value Unit from Cntnt Mgr Enterprise Edition Starter Pack Auth UVU Trade Up License + SW Subscription & Support 12 Months             | D0AR5LL | 3.746,51 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Authorized User Value Unit from FileNet Content Mgr Starter Pack Authorized UVU Trade Up License + SW Subscription & Support 12 Months        | D0AR1LL | 3.746,51 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Authorized User Value Unit from FileNet Content Services Authorized User Value Unit Trade Up License + SW Subscription & Support 12 Months    | D0CRBLL | 3.746,51 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Concurrent Session License + SW Subscription & Support 12 Months                                                                        | D6DFDLL | 3.746,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime zSeries (S/390) Concurrent Session License + SW Subscription & Support 12 Months                                                        | D52ATLL | 3.746,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Interactive Debugger Development Authorized User for zSeries (S/390) License + SW Subscription & Support 12 Months                                       | D52AQLL | 3.746,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Interactive Debugger Development Registered Authorized User License + SW Subscription & Support 12 Months                                                | D6DFULL | 3.746,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Concurrent Session License + SW Subscription & Support 12 Months                                                                             | D6DG2LL | 3.746,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime zSeries (S/390) Concurrent Session License + SW Subscription & Support 12 Months                                                             | D52ALLL | 3.746,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Quality Processor Value Unit (PVU) from IBM InfoSphere QualityStage PVU Trade Up License + SW Subscription & Support 12 Months | D0P37LL | 3.740,77 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Authorized User Single Install Monthly License                                                                  | D08RBZX | 3.740,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data DataStage Enterprise Reserved Virtual Processor Core Extended Support Subscription License                                                         | X09NEZX | 3.737,28 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation as a Service Unattended Bot Agent Concurrent Connection per Month                                                                          | D03YNZX | 3.737,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (501-750) SW S&S Reinstatement 12 Months                                                                                    | D108FLL | 3.734,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (501-750) SW S&S REINSTATE 12 MO                                                                                 | D1081LL | 3.734,30 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL Compiler Runtime Option Virtual Processor Core Monthly License                                                                                           | D263WLL | 3.732,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL RDS Runtime Option Virtual Processor Core Monthly License                                                                                                | D263ZLL | 3.732,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Copy Data Management 10 Managed Terabyte Monthly License                                                                                                      | D1UBPLL | 3.732,86 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Remediation For Business 10 Eligible Participants per Annum                                                                                          | D1NTQLL | 3.730,92 | Saas                      |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages on Cloud - Enhanced Support Add-on Instance Subscription Per Month                                                                                     | D01VFZX | 3.730,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Labor-Co-managed VPN Setup-Connection Remotely Delivered Service                                                             | D004BZX | 3.730,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Labor-OnDemand Additional Co-managed VPN Setup-Connection Pay Per Use                                                        | D004AZX | 3.730,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising Standard Edition Hundred Thousand Order Lines Advanced Support per Month                                                          | E0H13ZX | 3.730,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Peak Hourly Burst Capability-Resource Thousand Order Lines Advanced Support per Month                                            | E0E5FZX | 3.730,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Real Estate and Facilities Management Saas Enhanced Support Add-on Instance per Month                                                                    | D02TDZX | 3.730,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Real Estate and Facilities Management Saas For US Federal ADD-On Reporting Non-Production Instance per Month                                             | D01YJZX | 3.730,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Real Estate and Facilities Mgmt Saas Add-On Reporting Non-Production Instance per Month                                                                  | D01Y5ZX | 3.730,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Modernization Reserved Virtual Processor Core Extended Support Subscription License                                                         | X0960ZX | 3.724,74 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli ITCAM for Microsoft Applications Advance Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                            | D0IC3LL | 3.722,10 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Warehouse Modernization Virtual Processor Core Annual SW Subscription & Support Renewal                     | E08L0ZX | 3.704,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ File Transfer Agent Install Annual SW Subscription & Support Renewal 12 Months                                                                                | E0LNLLL | 3.704,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Programming Patterns Eclipse Client Authorized User Annual SW Subscription & Support Renewal 12 Months                                                           | E0AYFLL | 3.704,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition for Non-Prod Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months           | D0IZ4LL | 3.704,15 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Enterprise Edition Starter Pack Authorized User Value Unit License + SW Subscription & Support 12 Months                                         | D0AR2LL | 3.694,02 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Enterprise Edition Add-On Employee User Value Unit License + SW Subscription & Support 12 Months                                                         | D0T5GLL | 3.694,02 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Starter Pack Authorized User Value Unit License + SW Subscription & Support 12 Months                                                    | D0AR8LL | 3.694,02 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Account Hub - Advanced Edition for Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months    | D0LM3LL | 3.694,02 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub - Advanced Edition for Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months | D0LNYLL | 3.694,02 | Permanente com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Product Hub - Standard Edition for Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months       | D0LLPLL | 3.694,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Provider Hub - Advanced Edition Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                 | D0NV2LL | 3.694,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Provider Hub - Standard Edition Resource Value Unit License + SW Subscription & Support 12 Months                                     | D0NUNLL | 3.694,02 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise On Demand Resource Value Unit Monthly License                                                                                                         | D05I4ZX | 3.693,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Connect Application Server Edition Virtual Processor Core Monthly License                                                                                           | D1QSDLL | 3.693,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Motio ReportCard Authorized User LIC + SW S&S 12 MO                                                                                                                         | D08XZZX | 3.677,71 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Command Center Express Edition Install Monthly License                                                                                                           | D1JMTLL | 3.674,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Developer for IBM Enterprise Platforms Floating User Single Install Monthly License                                                     | D1BLNLL | 3.674,57 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Quality and Governance for Non-Production Environments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months  | D0P3ILL | 3.672,70 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix SQL Runtime Option for IDS Workgroup Edition Limited Use Socket Monthly License                                                                                | D19NBLL | 3.668,26 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Copy Manager for IBM Spectrum Virtualize Storage Device Annual SW S&S Rnwl                                                                                              | E07LPZX | 3.661,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Enterprise Ed Non Prod Virtual Server LIC + SW S&S 12 MO                                                             | D08Q1ZX | 3.661,08 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas VPC Instance Advanced Support per Month                                                                                      | E0E6DZX | 3.656,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Db2 Reserved Virtual Processor Core Extended Support Subscription Lic                                                                                | X09GKZX | 3.655,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Processor Value Unit (PVU) from InfoSphere DataStage Workgroup Edition Processor Value Unit Trade Up License + SW Subscription & Support 12 Months | D0ITYLL | 3.655,33 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Standard Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                             | D0IZRLL | 3.655,33 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Aviation Authorized User Monthly License                                                                                                                     | D1GS2LL | 3.646,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Synergy and Change Suite Concurrent User Monthly License                                                                                                       | D1BTKLL | 3.646,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for Files Resource Value Unit Monthly License                                                                                         | D1NC2LL | 3.646,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Configurator for eCommerce Certified Container Resource Value Unit Advanced Support Subscription License                                                           | Z28LMLL | 3.643,22 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Subscription License                                                        | D0C1LZX | 3.636,95 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud App Management Extension Pack Managed Virtual Server License + SW Subscription & Support 12 Months                                                                | D22Y9LL | 3.636,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Authorized User Annual SW Subscription & Support Renewal                                                                                      | E0K2DLL | 3.636,67 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Processor Value Unit License + SW Subscription & Support 12 Months                                                                                      | D178VLL | 3.636,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Insight Edition Add-On Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                              | E0M50LL | 3.636,67 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Data Storage on Cloud Gigabyte Overage                                                                                                                                | D1A5ZLL | 3.631,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech Services Cartridge IBM CPD for Non-Prod Environment Add Capacity 8 Virtual Processor Cores Extended Support Subscription License                                  | X26AMLL | 3.618,14 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning Manager Authorized User Annual SW Subscription & Support Renewal                                                                                     | E064ULL | 3.613,75 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (1 to 5,000TB) subscription per Terabyte 12 Months                                                                                                         | D06C1ZX | 3.611,87 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Db2 Warehouse Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Subscription License                                                                         | D0BRKZX | 3.611,87 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Db2 Warehouse Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                                  | D0AFPZX | 3.611,87 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Software Architect Designer for WebSphere Software Authorized User Monthly License                                                                                     | D1BMALL | 3.610,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Software Architect Designer for WebSphere Software Authorized User Monthly License (z seller)                                                                          | D1BMBLL | 3.610,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Open XL Fortran for Linux on Power Concurrent User Monthly License                                                                                                                  | D1BUWLL | 3.610,83 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition Processor Value Unit (PVU) from Workgroup Server Edition Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months                  | D55IXLL | 3.608,74 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Virtualization Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                         | E0DU6LL | 3.608,74 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Virtualization Server Processor Value Unit Migration from Legacy Green Hat Acquisition Trade Up License + SW Subscription & Support 12 Months                     | D0TEALL | 3.608,74 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Edition Modernization Reserved Virtual Processor Core Extended Support Subscription Lic                                                                            | X09GUZX | 3.605,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Edition Modernization Virtual Processor Core Extended Support Subscription License                                                                                 | X03PWZX | 3.605,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition CPU Option Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                 | D0D1QLL | 3.598,07 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Federation Module per Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                             | D1GT1LL | 3.596,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Programming Patterns Web Client Authorized User Annual SW Subscription & Support Renewal 12 Months                                                                     | E0NQZLL | 3.592,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Adanced Activity Monitor for Big Data Resource Value Unit (MVS) Annual SW Subscription & Support Renewal                                                      | E0KZZLL | 3.592,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on Sterling B2B Integrator Enterprise Edition from Standard Edition Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J45LL | 3.592,43 | Upgrade com Manutenção    |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Collaborator Authorized User Single Install License + SW Subscription & Support 12 Months                                   | D0B1BLL | 3.587,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Standard Edition Authorized User Single Install Annual SW Subscription & Support Renewal                                                       | E07RCLL | 3.587,42 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DevOps for IBM Cloud Paks Resource Unit Annual SW Subscription & Support Renewal                                                                                      | E0R2ELL | 3.581,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Administrator Authorized User Annual SW Subscription & Support Renewal                                                                     | E07PQLL | 3.581,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Basic Floating User Single Install Annual SW Subscription & Support Renewal                                                           | E02KFZX | 3.581,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix WRKGRP Edition User Option Authorized User Single Install License + SW Subscription & Support 12 Months                                                      | D0D24LL | 3.575,66 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Application Platform Concurrent User Monthly License                                                                                                          | D18XILL | 3.567,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Portfolio Data Manager Concurrent User Monthly License                                                                                                        | D18VZLL | 3.567,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition for SAP Applications for Non-Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D16N7LL | 3.563,45 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Authorized User Subscription License Upgrade                                                                                                  | D0EPSZX | 3.561,70 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Eng Requirements Management DOORS Next Saas Concurrent User                                                                                                           | D1TBRLl | 3.552,12 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization - Publishing Document Builder Saas Concurrent User Overage                                                                         | D01NNZX | 3.552,12 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Saas Concurrent User                                                                                          | D1BTLL  | 3.552,12 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Saas Concurrent User Overage                                                                                                              | D1TBKLL | 3.552,12 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Saas Concurrent User Overage                                                                                                          | D1TAZLL | 3.552,12 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rhapsody Design Manager on Cloud Concurrent User Overage                                                                                                              | D1TBXLL | 3.552,12 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM VIDEO STREAMING - GOLD EDITION INSTANCE PER MONTH                                                                                                                     | D1TDMLL | 3.552,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Gold Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months                                                  | D10MWLL | 3.551,25 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Gold Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                               | E0I2WLL | 3.551,25 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ELO - Publishing Document Builder for US Federal Saas Concurrent User Overage                                                                                         | D01NSZX | 3.550,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Pack for SAP Applications for Non-Production Environments Install Extended Support Subscription Lic                                     | X07XLZX | 3.549,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Pack for SAP Applications for Non-Production Environments Install Extended Support Subscription License                                 | X078AZX | 3.549,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Pack for SAP BW for Non-Prod Environments Server Extended Support Subscription License                                                  | X07X4ZX | 3.549,16 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Operations Center Mobile User Value Unit Annual SW Subscription & Support Renewal 12 Months                                                               | E0LGyll | 3.544,78 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise 100 Mbps Install Extended Support Subscription License                                                                                              | X09PZZX | 3.542,89 | Saas                      |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (751-1250) Annual SW Subscription & Support Renewal                                                                                       | E0LW8LL | 3.539,05 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Floating User Monthly License                                                                                | D1BQ2LL | 3.536,62 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Standard Edition AU Option for Non-Production Environments Authorized User SW Subscription & Support Reinstatement 12 Months                                         | D233ULL | 3.533,30 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Inventory Visibility Additional 1 Million API Calls Pay Per Use                                                                                | D045EZX | 3.531,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Application Developer for WebSphere Software Floating User Single Install Monthly License                                                                       | D1BGKLL | 3.530,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Application Developer for WebSphere Software for zSeller Floating User Single Install Monthly License                                                           | D1BGMML | 3.530,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas Concurrent User per Month                                                                                                     | D1TAWLL | 3.525,66 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Content Manager OnDemand Processor Value Unit (PVU) SUBSCRIPTION LICENSE                                                                                                 | D07V2ZX | 3.524,08 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Modernization Non Production Reserved Virtual Processor Core Extended Support Subscription License                                                    | X09NPZX | 3.524,08 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium for Data Encryption Key Management on KMIP per Resource Value Unit Subscription License                                                                | D0BK8ZX | 3.524,08 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium for Data Encryption Key Management on Oracle TDE and Microsoft SQL per Resource Value Unit (MVS) Subscription License                                  | D0BVXZX | 3.524,08 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Single Client View per Authorized User License + SW Subscription & Support 12 Months                                                                               | D1R19LL | 3.523,46 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                   | E0BXWLL | 3.523,46 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Control Center Monitor for Mainframe Sessions Simultaneous Session Monthly License                                                                                       | D181XLL | 3.510,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management User Authorized User Annual SW Subscription & Support Renewal                                                                              | E064ILL | 3.507,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Enterprise Server Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                      | D0ZUULL | 3.507,15 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ILOG CPLEX Optimization Studio Developer Edition Authorized User Monthly License                                                                                         | D1806LL | 3.503,15 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM B2B Gateway Pack for Non Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                            | D1QUVLL | 3.502,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Signature Validation Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                         | E0M4YLL | 3.496,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Express Server Edition Limited Use Virtual Server Annual SW Subscription & Support Renewal                                               | E0KSMML | 3.496,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Authorized User from Ratl Rose Modeler Authorized User Trade Up License + SW Subscription & Support 12 Months | D0C9MLL | 3.496,49 | Upgrade com Manutenção    |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Authorized User from Rational Rose Modeler Authorized User Trade Up License + SW Subscription & Support 12 Months       | D0CA4LL  | 3.496,49 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Authorized User Value Unit from IBM Enterprise Records Foundation Authorized Starter Pack Trade Up License + SW Subscription & Support 12 Months              | D1ACMLL  | 3.496,49 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Authorized User Value Unit from IBM Enterprise Records Foundation Content Collector Edition Authorized Trade Up License + SW Subscription & Support 12 Months | D1ACVLL  | 3.496,49 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM IM Business Intelligence Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                       | D0D14LL  | 3.490,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Express Administrator per Authorized User Annual SW Subscription & Support Renewal                                                                                        | E0JMPLL  | 3.484,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Hybrid Data Management Platform CEO User SW Subscription and Support Renewal 12 Months                                                                                                      | E0QS7LL  | 3.484,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Cognos Analytics Consumer User Authorized User License + SW Subscription & Support 12 Months                                                                     | D0ESWLL  | 3.484,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                    | D0J18LL  | 3.484,49 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Inspection Workbench Client Device Monthly License                                                                                                                                          | D07Y6ZX  | 3.480,18 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Integration for Non-Production Environments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                 | D0P33LL  | 3.478,03 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Health,Safety and Environment Manager Authorized User Annual SW Subscription & Support Renewal                                                                                       | E0CS3LL  | 3.472,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Intake Business Intelligence and Analytics Add-on Authorized User License + SW Subscription & Support 12 Months                                                         | D1NFAILL | 3.470,15 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Intake Structured Decision Making Add-on Authorized User License + SW Subscription & Support 12 Months                                                                  | D1NFSLL  | 3.470,15 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 OEM High Capacity Add-on Virtual Processor Core Monthly License                                                                                                                         | D1MWNLL  | 3.467,26 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition per Entity ID License + Software Subscription and Support 12 Months                                                                  | D26SYLL  | 3.467,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                       | D07B1LL  | 3.464,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Outcome Management Authorized User Annual SW Subscription & Support Renewal                                                                                                           | E0E6GLL  | 3.464,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 Warehouse for IBM Cloud Pak for Data Virtual Processor Core Annual SW Subscription & Support Renewal                         | E08MHZX  | 3.464,51 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Business Automation as a Service Custom Cloud Infrastructure Virtual Server Advanced Support per Month                                                                        | E0EFTZX  | 3.463,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Configurator Instance Advanced Support per Month                                                                                                            | E0E4PZX  | 3.463,48 | Saas                      |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Order Management-EE-AddOn-Configurator Instance Advanced Support per Month                                                                                                                                                                             | E0E5UZX | 3.463,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Management for Managed Service Providers Concurrent User Monthly License                                                                                                                                                              | D1R67LL | 3.460,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for 5250 Applications, Concurrent User License + SW Subscription & Support 12 Months                                                                                                                                                  | D04LKLL | 3.459,50 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR on Cloud (AU) Authorized User Overage                                                                                                                                                                                                | D22U2LL | 3.448,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Care Manager Connect Individuals - Government 100 Persons Overage                                                                                                                                                                           | D1XE4LL | 3.448,83 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault On-Premises for Business Users per User Value Unit (Pack of 50 Users) Annual SW Subscription & Support Renewal 12 Months                                                                                           | E0PRTL  | 3.442,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault On-Premises for Privileged Users per User Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                                                            | E0PRRL  | 3.442,56 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Db2 on Cloud Paygo for AWS Virtual Processor Core Pay per Use                                                                                                                                                                                          | D01XXZX | 3.439,98 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex Concurrent User Subscription per Month                                                                                                                                                                                        | D1UJ0LL | 3.438,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex for US Federal Concurrent User Subscription per Month                                                                                                                                                                         | D1UKJLL | 3.438,61 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Enterprise Edition Virtual Server Trade Up from IBM Security Verify Privilege Server Suite On-Premises Standard Edition Virtual Server                                                          | D08QBZX | 3.436,29 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Custom Domain Hub - Standard Edition for Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months                                                                                | D0LKSLL | 3.432,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub - Standard Edition for Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months                                                                                 | D0LKZLL | 3.432,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Edition AU Option for Non-Production Environments Authorized User Annual SW Subscription & Support Renewal 12 Months                                                                                                                  | E0Q5VLL | 3.427,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Processor Value Unit (PVU) from IBM InfoSphere Business Glossary Anywhere PVU Trade Up License + SW Subscription & Support 12 Months                                                                     | D0P2SLL | 3.427,51 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Custom Domain Hub - Advanced Edition for Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                            | D0LPNLL | 3.427,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere MDM Organization Hub - Advanced Edition for Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                | D0LNPLL | 3.427,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Small for Red Hat OpenShift per Resource Value Unit Trade Up License from IBM Sterling Order Management Store Edition Small per Resource Value Unit License + SW Subscription & Support 12 Months | D0BQKZX | 3.427,51 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                                                  | D03TWLL | 3.421,87 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | API Connect Enterprise Tier Hybrid Million Million API Calls per Annum                                                                                                                         | D1X51LL | 3.417,48 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                              | D27J8LL | 3.411,21 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Del and Svc Sched Add on Certified Container Resource Value Unit Advanced Support Subscription License                                                      | Z28LRLL | 3.411,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Virtual Data Pipeline Workgroup Edition Terabyte Monthly License                                                                                                                | D27RULL | 3.409,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data DataStage Enterprise Plus Reserved Virtual Processor Core Advanced Support Subscription License                                                                         | Z09NWZX | 3.404,94 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM StoredIQ Data Cleanup Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                             | D1X5HLL | 3.400,55 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Professional Authorized User Subscription License                                                                                                                          | D283KLL | 3.395,47 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud process runtime environment Instance One-Time Set Up                                                                                                                          | D1NHTLL | 3.395,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud test environment Instance One-Time Set Up                                                                                                                                     | D1NHPLL | 3.395,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Standard Edition for Non-Production Environment Connection Annual SW Subscription & Support Renewal 12 Months                                                         | E0PXULL | 3.389,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Provider Hub - Advanced Edition Resource Value Unit from IMDM Provider Hub - Standard Edition RVU Trade Up License + SW Subscription & Support 12 Months | D0NV3LL | 3.384,87 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring Resource Value Unit License + SW Subscription & Support 12 Months                                                                                                        | D0IAMLL | 3.379,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Workstation APL2 User Annual SW Subscription & Support Renewal                                                                                                                             | E008MLL | 3.379,23 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Edition Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Extended Support Subscription Lic                                                                | X09GMZX | 3.373,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Suite for Workgroups Install Monthly License                                                                                                                                  | D1VN6LL | 3.373,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Standard Activity Monitor for z/OS Resource Value Unit Annual SW Subscription & Support Renewal                                                                          | E0ELLLL | 3.368,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Observability by Databand Self-Hosted Resource Unit Annual SW S&S Rnwl                                                                                                                | E0BUZZX | 3.361,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition Resource Value Unit License + SW Subscription & Support 12 Months                                                                   | D29PGLL | 3.361,50 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Explorer Modernization Virtual Processor Core Extended Support Subscription License                                                                                                 | X28SHLL | 3.361,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Workgroup Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                                | D03V9ZX | 3.354,77 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Appeals Authorized User License + SW Subscription & Support 12 Months                                                                                                                | D0QPRLL | 3.352,90 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Enterprise Edition Terabyte Transmitted Terabyte Transmitted Advanced Support per Annum                                                                                    | E0EGMZX | 3.350,40 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for File Systems Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                  | D12UXLL | 3.350,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Microsoft SharePoint Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                                          | D12V5LL | 3.350,25 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition for Non-Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D0P43LL | 3.350,25 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | InfoSphere Optim Data Privacy Enterprise Edition Processor Value Unit (PVU) SW S&S Reinstat 12 Mo                                                                 | D0B9LZX | 3.347,25 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integrated Analytics Medium Server Instance per Month                                                                                                   | D1Q3BLL | 3.345,34 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (1-100) Annual SW Subscription & Support Renewal                                                                       | E0MNWLL | 3.343,79 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Aviation Limited Use Concurrent User Monthly License                                                                                               | D1G55LL | 3.342,23 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics for Non-Production Environment Processor Value Unit (PVU) Trade Up from Tier 1 Trade Up License + SW Subscription & Support 12 Months        | D0A07LL | 3.336,59 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest Authorized User Annual SW Subscription & Support Renewal                                                                                  | E019BLL | 3.336,59 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Floating User Single Install Annual SW Subscription & Support Renewal                                                    | E0DV6LL | 3.336,59 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog Manager for Suppliers-Trading Partner Access-Entity ID per Month                                         | D014WZX | 3.332,90 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Business Authorized User Annual SW Subscription & Support Renewal 12 Months                                                                         | E0QF9LL | 3.331,58 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational ClearCase Change Management Solution Floating User Monthly License                                                                                   | D1BFRL  | 3.329,69 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SDK for Node.js Process Monthly License                                                                                                                       | D1JTHLL | 3.329,69 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Connect-Direct Solo Edition Resource Value Unit Monthly License                                                                                      | D1K2LLL | 3.329,69 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Add-On Authorized User Value Unit Annual SW Subscription & Support Renewal                                               | E0545LL | 3.325,84 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                    | E053KLL | 3.325,84 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 13-32 SW Subscription & Support Reinstatement 12 Months                                                                 | D11L2LL | 3.319,38 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Risk Add-On for IBM i2 - Mobile for Business 10 Eligible Participants Advanced Support 12 Months                                                              | E0DVAZX | 3.312,96 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Risk Add-On for IBM i2 - Mobile for Retail 100 Eligible Participant Advanced Support 12 Months                                                                | E0DVBZX | 3.312,96 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Availability Db2 Warehouse Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                                     | E0PQVLL | 3.310,26 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Open XL C/C++ for Linux on Power Concurrent User                                                                                                                  | D1BUALL | 3.302,15 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Advanced Enterprise Virtual Processor Core Annual SW S&S Rnwl                                                                                  | E09PTZX | 3.299,59 | Manutenção após Vigência |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Predatar Ultimate Bundle Terabyte per Annum                                                                                                                       | D0DKCZX | 3.298,08 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Process Mining Business User add-on Authorized User per Annum                                                                                                     | D09X0ZX | 3.298,08 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Task Mining Agent add-on Concurrent User per Annum                                                                                                                | D09XZZX | 3.298,08 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloudera Enterprise Maintenance Extension Node per Month                                                                                                          | D049WZX | 3.295,59 | Saas                     |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Vanity Domain Instance per Month                                                                                                                                                                  | D01URZX | 3.295,59 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server for Non-Production Environment Processor Value Unit (PVU) Trade Up from IBM ODM Server Express for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D0Z5QLL | 3.293,95 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (2001+) Annual SW S&S Rnwl                                                                                                                                                 | E0LV5LL | 3.293,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite - Front End Terabyte (2001+) Annual SW S&S Rnwl                                                                                                                                                 | E0LVCLL | 3.293,95 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Watson Assistant for Voice Interaction Instance Pay per Use                                                                                                                                                           | D01U3ZX | 3.293,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Modernization Non-Production Reserved Virtual Processor Core Advanced Support Subscription License                                                                                      | Z0971ZX | 3.285,79 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SmartCloud Monitoring per Virtual Server License + SW Subscription & Support 12 Months                                                                                                                            | D0NMMLL | 3.282,77 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Db2 Standard Edition Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Subscription License                                                                                                    | D09GSZX | 3.273,25 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Standard Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core Subscription License                                                                                                             | D03GDZX | 3.273,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Computing Suite for High Performance Analytics per Virtual Server Monthly License                                                                                                                        | D22ZGLL | 3.273,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise for non-production Processor Value Unit (PVU) Trade Up from IBM App Connect Professional Non Production License + SW S&S                                                                   | D1WWYLL | 3.264,82 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Premium Edition for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                  | D22IJLL | 3.264,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                    | D0IZ8LL | 3.264,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Standard Edition for Non-Production Environment Simultaneous Session Annual SW Subscription & Support Renewal                                                                             | E0BXILL | 3.264,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Inventory Management Add-on Resource Value Unit Software Subscription & Support Reinstatement 12 Months                                                                           | D0NX4LL | 3.264,82 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | API Connect Professional 5 Million API Calls Reserved Instance Instance Advanced Support per Month                                                                                                                    | E0FXHZX | 3.264,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloud Enterprise Records Non-Production Environment Gold Instance Advanced Support per Month                                                                                                                          | E0DWTZX | 3.264,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Processor Value Unit from IBM InfoSphere Optim Data Growth Solution 4 Processor Value Unit Trade-Up License + S&S                                                     | D0DDZZX | 3.261,97 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express User Authorized User Annual SW Subscription & Support Renewal                                                                                                                          | E0N8GLL | 3.258,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                                                                    | E0ATFLL | 3.258,36 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Edge Application Manager BASE Install License SW Subscription & Support 12 Months                                                                                                 | D0BKHZX | 3.256,95 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Non-Production per Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                  | D1GT7LL | 3.250,71 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Developer Floating User Single Install Monthly License                                                                                            | D1BL9LL | 3.248,17 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Entry Edition per Terabyte Annual SW Subscription & Support Renewal                                                                                        | E0J37LL | 3.246,16 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Non-Production on Cloud Add-On (CU) Concurrent User Overage                                                                                                         | D22V2LL | 3.235,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Standard Edition Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                          | D0Q0ULL | 3.235,63 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise Reserved Instance High Availability Add-On Million API Calls per Annum                                                                                     | D02K1ZX | 3.231,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Enhanced Retention Management Multiplatforms Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                    | D07B6LL | 3.229,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for Multiplatforms, Authorized User License + SW Subscription & Support 12 Months                                                                                    | D04LTLL | 3.229,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Server Processor Value Unit (PVU) from Modeler Server Gold Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D10WXLL | 3.229,99 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Central Site Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                            | D590ULL | 3.229,99 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics Administrator Authorized User Subscription License                                                                                                               | D28CLLL | 3.229,36 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Administrator Cartridge for IBM Cloud Pak for Data Authorized User Subscription License                                                                          | D03GUZX | 3.229,36 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Security IBM Security Verify Privilege Vault Engines On-Premises Install Subscription License                                                                                     | D29T3LL | 3.229,36 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault Replication On-Premises Install                                                                                                                   | D29T9LL | 3.229,36 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault Sites On-Premises Install                                                                                                                         | D29T1LL | 3.229,36 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Cognos Analytics User per Authorized User SW Subscription & Support Reinstatement 12 Months                                                            | D0AVGLL | 3.224,98 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Supply Chain EDI for Red Hat OpenShift Virtual Processor Core Subscription License                                                      | D28KNLL | 3.223,09 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Enterprise Edition Processor Value Unit (PVU) from Security Verify Directory Standard Edition Trade Up License + SW Subscription & Support 12 Months    | D1K0DZX | 3.219,33 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Analyst for Workgroups Authorized User Single Install Annual SW Subscription & Support Renewal                                     | E0FWGLL | 3.214,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Quality Professional for Workgroups Authorized User Single Install Annual SW Subscription & Support Renewal                                           | E0FA2LL | 3.214,31 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Developer for Workgroups Authorized User Single Install Annual SW Subscription & Support Renewal                                                       | E0AMCLL | 3.214,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Secure Proxy Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription and Support Renewal                                           | E0QWXLL | 3.214,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (751-1250) SW Subscription & Support Reinstatement 12 Months                                                                        | D1NDRLL | 3.208,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (2001+) License + SW Subscription & Support 12 Months                                                                               | D1NDULL | 3.203,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Vulnerability Assessment for Databases Resource Value Unit (MVS) Annual SW Subscription & Support Renewal                                                            | E0L05LL | 3.197,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (1251-2000) Annual SW Subscription & Support Renewal                                                                                      | E0MP8LL | 3.197,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Request Central Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                              | D0N5JLL | 3.191,60 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server - Express Intranet Option 20 Authorized Users SW Subscription & Support Reinstatement 12 Months                                                           | D522NLL | 3.191,60 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Liberty Core 20 Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                          | D0ZE3LL | 3.191,60 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Express User Workspace Add-On Authorized User License + SW Subscription & Support 12 Months                                                                                     | D1R8ALL | 3.185,14 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Interfaces Add On Floating User Single Install Annual SW Subscription & Support Renewal                                                            | E078ULL | 3.185,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SmartCloud Application Performance Management NON Production Managed Virtual Server Annual SW Subscription & Support Renewal                                                           | E0DYILL | 3.185,14 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Big SQL per Virtual Server Monthly License                                                                                                                                         | D1UUXLL | 3.179,19 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Enterprise Edition from Standard Edition Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J4DLL | 3.172,94 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Virtual Storage Center for Storwize Family per Storage Device Monthly License                                                                                                          | D19KILL | 3.172,92 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Enterprise - Production Edition Processor Value Unit License + SW Subscription & Support 12 Months                                                           | D29MZLL | 3.170,95 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Internal Service Provider Edition Authorized User Licence + SW Subscription & Support 12 Months                                                                           | D0LKPLL | 3.167,19 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center CPLEX Server for Non Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                  | D1LKNLL | 3.167,19 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition CPU Option Processor Value Unit (PVU) from Informix WRKGRP Edition PVU Trade Up License + SW Subscription & Support 12 Months                              | D0D5LLL | 3.167,19 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                    | D0EKCLL | 3.167,19 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Business Developer Extension for VSE Floating User Monthly License                                                                                                            | D1BJ8LL | 3.165,75 | Saas                      |

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| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Fusion Storage Expert Care Premium Virtual Processor Core per Annum                                                                                                                                                                              | D09UFZX | 3.163,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Server Bundle for Non Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                | D1LM1LL | 3.160,74 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Storage Protect Suite Entry Terabyte (1-100) Annual SW S&S Rnwl                                                                                                                                                                                               | E0LUVLL | 3.160,74 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Add on Storage for Bare Metal Machines Terabyte per Month                                                                                                                                                         | D01VQZX | 3.160,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Custom Domain Hub - Advanced Edition for Non-Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months                                                                                   | D0LPHLL | 3.150,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub - Advanced Edition for Non-Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months                                                                                    | D0LNILL | 3.150,35 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Studio Premium for IBM Cloud Pak for Data Reserved Virtual Processor Core Extended Support Subscription Lic                                                                                                                                        | X08E4ZX | 3.147,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise for non-production Processor Value Unit (PVU) from IBM Integration Bus Idle Standby Trade Up License + SW Subscription & Support 12 Months                                                                                         | D1YKBLL | 3.144,71 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Custom Domain Hub - Advanced Edition for Financial Services per Resource Value Unit from InfoSphere MDM Custom Hub - Standard Ed for Financial Services per RVU Trade Up License + SW Subscription & Support 12 Months  | D0LPPLL | 3.144,71 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub - Advanced Edition for Financial Services per Resource Value Unit from InfoSphere MDM Organization Hub - Standard Ed for Financial Svcs per RVU Trade Up License + SW Subscription & Support 12 Months | D0LNQLL | 3.144,71 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR on Cloud (AU) Authorized User per Month                                                                                                                                                                                                     | D22U1LL | 3.135,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Care Manager Connect Individuals - Government 100 Persons per Month                                                                                                                                                                                | D1XE3LL | 3.135,30 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Authorized User Single Install SW Subscription and Support Renewal 12 Months                                                                                                                            | E0QSJLL | 3.134,05 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Eng Requirements Management DOORS Next Saas for US Federal Concurrent User per Month                                                                                                                                                                      | D1TD4LL | 3.125,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Saas for US Federal Concurrent User per Month                                                                                                                                                     | D1TBULL | 3.125,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Saas for US Federal Concurrent User per Month                                                                                                                                                           | D1TBYLL | 3.125,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Saas for US Federal for US Federal Concurrent User per Month                                                                                                                                                                  | D1TD2LL | 3.125,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Saas for US Federal Concurrent User per Month                                                                                                                                                                             | D1TCALL | 3.125,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netezza Performance Server for IBM Cloud Pak for Data Non-Production Virtual Processor Core Monthly License                                                                                                                                               | D0ALIZX | 3.123,23 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Express Connector for TM1 per Install Monthly License                                                                                          | D17M9LL | 3.122,68 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for SAP Applications for Red Hat OpenShift Virtual Processor Core Subscription License                                      | D28KJLL | 3.122,68 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Stakeholder Authorized User Single Install License + SW Subscription & Support 12 Months                                          | D0GI6LL | 3.118,38 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SE Runtime Concurrent Session License + SW Subscription & Support 12 Months                                                                              | D52EJLL | 3.118,38 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for B2Bi and SFG Enterprise Non-Production for Red Hat OpenShift Virtual Processor Core (VPC) Monthly License 12 Months           | D27JDLL | 3.115,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Log Manager Software Install Monthly License                                                                                                               | D1RSGLL | 3.114,55 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Developer Edition Authorized User Annual SW Subscription & Support Renewal                                                                      | E0K5MLL | 3.111,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (2001+) LIC + SW S&S 12 Months                                                                                          | D108KLL | 3.111,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (751-1250) SW S&S Reinstatement 12 Month                                                                                | D108HLL | 3.111,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (2001+) LIC + SW S&S 12 MO                                                                                   | D1086LL | 3.111,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (751-1250) SW S&S REINSTATE 12 MO                                                                            | D1083LL | 3.111,92 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Platform Enterprise Resources Bundle per Unit 3rd Party per Month                                                                                                 | D1VHWLL | 3.109,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Professional on Cloud Flows Instance per Month                                                                                                        | D1YD3LL | 3.109,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Application Suite Migration Service Resource Unit Set Up                                                                                                   | D0D5BZX | 3.109,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Additional 64GB Memory for 128GB Total Memory per Instance per Month                                                                           | D22RMLL | 3.109,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics as a Service Add on 16 GB Memory 16 Gigabyte per Month                                                                                         | D0DDSZX | 3.109,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising AddOn Non Production Environment Instance Subscription per Month                                                                   | D0H0YZX | 3.109,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Order Management-EE-AddOn-Pricing Instance Advanced Support per Month                                                                                                 | E0E5WZX | 3.109,05 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation Environment Virtual Server Subscription License                                                                                        | D299ULL | 3.108,33 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Modeler Subscription per Authorized User per Month                                                                                                           | D1VJXLL | 3.102,83 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Assessment and Planning Professional per Authorized User License + SW Subscription & Support 12 Months                                                      | D1R2WLL | 3.102,07 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Gold Processor Value Unit (PVU) from Modeler Server Premium Processor Value Unit (PVU) Trade Up License + SW Subscriptoin & Support 12 Months | D10NELL | 3.099,72 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition for Non-Prod Environment from Sterling File Gateway Standard Edition Non-Prod Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J43LL | 3.099,72 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager for Microsoft Applications Advance RVU From Tivoli Composite Application Manager for Applications 3 Agent Pack RVU Trade Up License + SW Subscription & Support 12 Months     | D0IC5LL | 3.099,72 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli ITCAM for Microsoft Applications Advance Resource Value Unit from Tivoli Monitoring Resource Value Unit Trade Up License + SW Subscription & Support 12 Months                                              | D0IC4LL | 3.099,72 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Service Registry and Repository Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                             | D59D5LL | 3.099,72 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Recovery Feature Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                                                                     | D0ZSBLL | 3.093,97 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Digital Business Automation Express Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                   | D1WXKLL | 3.093,97 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Express Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                    | D0Z1JLL | 3.093,97 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Express Processor Value Unit (PVU) Trade Up from IBM ODM Server Express Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                             | D0Z1KLL | 3.093,97 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                             | D0P09LL | 3.093,97 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearCase MultiSite Floating User Annual SW Subscription & Support Renewal                                                                                                                                | E012ZLL | 3.093,97 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Tester Authorized User Annual SW Subscription & Support Renewal                                                                                                                               | E01M9LL | 3.093,97 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Professional Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                      | D0EP5LL | 3.093,97 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Starter Edition Store Annual SW Subscription & Support Renewal                                                                                                                       | E0FAALL | 3.093,97 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Starter Edition with Informix Database Store Annual SW Subscription & Support Renewal                                                                                                | E0FATLL | 3.093,97 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Practitioner Authorized User Single Install Monthly License                                                                                                                  | D1I12LL | 3.091,41 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Endpoint 300 Mbps Install Monthly License                                                                                                                                                                   | D04GEZX | 3.085,14 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Discovery Enterprise Non-Production Environment Cartridge for IBM Cloud Pak for Data 100 Thousand Documents Subscription License                                                                            | D28NCLL | 3.085,14 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor Certified Container for Redhat Openshift Virtual Processor Core Trade Up License                                                                                                            | D09YVZX | 3.080,75 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Modeling for Communications Applications for Ratl Professional Bundle Floating User Annual SW Subscription & Support Renewal                                                                              | E07W7LL | 3.075,31 | Manutenção após Vigência |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Authorized User SW Subscription & Support Reinstatement 12 Months                | D0DAHLL | 3.075,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational SoftwareArchitect Designer Extension for Deployment Planning Authorized User SW Subscription & Support Reinstatement 12 Months                                | D0DCKLL | 3.075,31 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Advanced Support Subscription License                                   | Z096JZX | 3.066,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Virtual Processor Core Advanced Support Subscription License                                            | Z03JTZX | 3.066,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Integration Processor Value Unit (PVU) from IBM InfoSphere DataStage PVU Trade Up License + SW Subscription & Support 12 Months | D0P4PLL | 3.063,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks Standard Edition Virtual Processor Core SW Subscription and Support Renewal 12 Months                                                 | E0QUVLL | 3.063,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication Non-RDBMS Targets Install Advanced Support Subscription License                                                                            | Z04QZZX | 3.060,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Secure Proxy Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License                                                                      | D27FBLL | 3.058,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition Value Unit (PVU) from Qualified Competitor Processor Trade Up License + SW Subscription & Support 12 Months                              | D55IWLL | 3.054,42 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Business for Japan 10 Eligible Participants Overage                                                                                            | D1WGMML | 3.053,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Retail JAPAN ONLY 100 Eligible Participant Overage                                                                                             | D1WGKLL | 3.053,09 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM B2B Gateway Pack Processor Value Unit (PVU) Trade Up                                                                                                                   | D07YRZX | 3.050,90 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Availability - Db2 Database Virtual Processor Core Subscription License                                                                           | D04QTZX | 3.050,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Standard Edition Virtual Server SW S&S REINSTATE 12 MO                                                              | D08R2ZX | 3.050,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Advanced Virtual Processor Core License + SW Subscription & Support 12 Months                                                                           | D0ER7ZX | 3.050,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Enterprise Server Edition PVU Option Processor Value Unit (PVU) Trade Up IBM_TO IBM 1                                                                              | D570VLL | 3.048,77 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Authorized User SW Subscription & Support Reinstatement 12 Months                                           | D09G5LL | 3.048,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Authorized User SW Subscription & Support Reinstatement 12 Months                                  | D09I6LL | 3.048,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Player Add On Authorized User Annual SW Subscription & Support Renewal                                             | E076VLL | 3.048,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize Software for SVC Encryption Storage Device SW Subscription and Support Renewal 12 Months                                                           | E0M43LL | 3.048,77 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Standard Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                       | D0IZGLL | 3.048,77 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloud Pak for Data Watson Studio Premium per Virtual Processor Core Extended Support Subscription License                                                                                                                                   | X266HLL | 3.041,24 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Enterprise Terabyte Transmitted Advanced Support per Annum                                                                                                                                                              | E0EGJZX | 3.036,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Express Connector for Cognos Analytics per Install Monthly License                                                                                                                                                   | D17M7LL | 3.028,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Software Architect RealTime Edition Authorized User Monthly License                                                                                                                                                            | D1BG9LL | 3.028,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Test Workbench Mobile Test Edition Floating User Single Install Monthly License                                                                                                                                                | D1BMMLL | 3.028,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Capital Projects Manager Concurrent User Monthly License                                                                                                                                                                        | D18WJLL | 3.028,70 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 With BLU Acceleration Pattern Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                              | D17I3LL | 3.020,75 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Add On Concurrent User Trade Up from 3 Maximo Life Sciences Authorized User + SW Subscription & Support 12 Months                                                                                              | D1R7NLL | 3.020,75 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Linear Asset Manager Concurrent User Trade Up from 3 Maximo Linear Asset Manager Authorized User + SW Subscription & Support 12 Months                                                                                           | D1R6MLL | 3.020,75 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition Non-Production for Red Hat OpenShift Virtual Processor Core Annual SW Subscription & Support Renewal                                                                                            | E0QNHLL | 3.020,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 65-100 License + SW Subscription & Support 12 Months                                                                                                                                              | D1I5LL  | 3.020,75 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management Advanced Workspace Add-On Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                    | D1R03LL | 3.014,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition for Non-Production Environments Processor Value Unit (PVU) from IBM InfoSphere Information Server for Data Quality Non Prod PVU Trade Up License + SW Subscription & Support 12 Months | D0P4ZLL | 3.006,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Employee User Value Unit Annual SW Subscription & Support Renewal                                                                                                                                                               | E0AXULL | 3.001,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Concurrent User Annual SW Subscription & Support Renewal                                                                                                                                                        | E0PSMLL | 3.001,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Solution for Applic Retirement incl Archive File Access Resource Value Unit SW S&S REINSTATE 12 MO                                                                                                                     | D077MZX | 3.001,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Application Suite per AppPoint Annual SW Subscription & Support Renewal                                                                                                                                                          | E0R1HLL | 3.182,34 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Standard Edition Storage Capacity Unit (2001+) SW Subscription & Support Reinstatement 12 Months                                                                                                                       | D1N1XLL | 3.001,11 | Manutenção após Vigência  |



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| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (101-250) Annual SW Subscription & Support Renewal                                                                                     | E0MNXLL | 3.001,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Access Edition per Terabyte License + SW Subscription & Support                                                                                            | D20RJLL | 3.001,11 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Erasure Code Edition Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                 | D2227LL | 3.001,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Capital Projects Hub Per Concurrent User Annual SW Subscription & Support Renewal 12 Months                                                                           | E0R60LL | 3.001,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Cartridge for IBM Cloud Pak for Data Authorized User License + SW Subscription and Support 12 Months                                                  | D03IMZX | 2.989,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Authorized User Value Unit from Content Manager for iSeries Authorized User Trade Up License + SW Subscription & Support 12 Months                            | D07ZRLL | 2.989,89 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Authorized User Value Unit from Content Manager for iSeries Authorized User Trade Up License + SW Subscription & Support 12 Months                    | D0CZILL | 2.989,89 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation as a Service Environment Instance per Month                                                                                                        | D03YQZX | 2.989,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Federation Module Non-Production per Processor Value Unit License + SW Subscription & Support 12 Months                                | D1GU1LL | 2.987,03 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Zenrin Commercial Map Extension Ten Thousand Items Advanced Support 12 Months                                                                  | E0E3AZX | 2.984,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-AddOn-Store Engagement Client Device Overage                                                                                                        | D1YB6LL | 2.984,69 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Communications Server for Data Center Deployment Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                       | D0THMLL | 2.984,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Processor Value Unit (PVU) from InfoSphere QualityStage Workgroup Edition Processor Value Unit Trade Up License + SW Subscription & Support 12 Months | D0IUCLL | 2.984,14 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere per Authorized User Annual SW Subscription & Support Renewal                                                                                                  | E0I3NLL | 2.984,14 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Applications Virtual Processor Core Subscription License Upgrade                                                                                                | D264BLL | 2.978,54 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Connector for Business Applications for Non-Prod Environment Install Monthly License                                                                                  | D18XRLL | 2.978,54 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM WebSphere Hybrid Edition Virtual Processor Core Subscription License Upgrade                                                                                                  | D29A2LL | 2.978,54 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Aviation Add-on Saas Flex Concurrent User Overage                                                                                                                  | D1UJWLL | 2.978,47 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Microsoft Office 1000 External Pack User Value Unit License + SW Subscription & Support 12 Months                          | D1G7SLL | 2.971,94 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Permanent Redaction 1000 External Pack User Value Unit License + SW Subscription & Support 12 Months                                                                                     | D1HIKLL | 2.971,94 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Non Production for Red Hat OpenShift Virtual Processor Core Monthly License                                                                                           | D08VBZX | 2.971,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Real Estate Environmental Sustainability Manager Concurrent User Monthly License                                                                                                                                                    | D18X4LL | 2.971,94 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Process Mining Process add-on Item Advanced Support per Annum                                                                                                                                                                                   | E0E71ZX | 2.969,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Storage Capacity Expansion Terabyte SW S&S Reinstale 12 Months                                                                                                                                                               | D09Q6ZX | 2.969,14 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM One Day Self Paced Learning for Data Science and AI Engagement Remotely Delivery Service                                                                                                                                                    | D01KTZX | 2.966,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM One Day Self Paced Learning for Hybrid Data Management Engagement                                                                                                                                                                           | D01KZZX | 2.966,03 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | Motio CI Version Control Virtual Processor Core Subscription License                                                                                                                                                                            | D29LSLL | 2.965,99 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM OpenPages SDI Connector for UCF Common Controls Hub Application Subscription License Upgrade                                                                                                                                                | D29KJLL | 2.964,76 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Aspera Enterprise On Demand Resource Value Unit Subscription License                                                                                                                                                                        | D0AXHZX | 2.959,72 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudant for IBM Cloud Reserved Global Queries 100 Events per Second Pay Per Use                                                                                                                                                            | D1PIOLL | 2.959,31 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Enterprise Edition Add-On Authorized User Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                                                                             | E0EHILL | 2.958,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition for Non-Production Environments Processor Value Unit (PVU) from IBM InfoSphere Information Server for Data Integration Non Prod PVU Trade Up License + SW Subscription & Support 12 Months | D0P48LL | 2.958,47 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Concurrent User Subscription License Upgrade                                                                                                                                                                       | D0EQ3ZX | 2.953,45 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Workgroup Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                             | D0IPILL | 2.952,83 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Disaster Recovery 100 Resource Unit Trade Up from IBM Cloud Pak for Security Gen 2 Trade Up License + Subscription & Support 12 Months                                                                       | D0AMNZX | 2.952,83 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Testing Environment Processor Value Unit License + SW Subscription & Support 12 Months                                                                                                                                                 | D29L9LL | 2.947,53 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Authorized User Value Unit Monthly License                                                                                                                                                                                          | D1FZRLl | 2.943,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Identity Insight Resource Value Unit Monthly License                                                                                                                                                                             | D1JL9LL | 2.943,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Basic Edition for Non-Production on Cloud Instance Advanced Support per Month                                                                                                                                                     | E0GLIZX | 2.941,16 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Big Replicate for Object Stores Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                                                                                  | D1YFWLL | 2.941,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Essentials Edition for Non-Production Environment Connection Annual SW Subscription & Support Renewal 12 Months                                                                                                        | E0PXTLL | 2.941,07 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Non-Production on Cloud Add-On (CU) Concurrent User per Month                                                                                                             | D22UXLL | 2.940,91 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage for Non-Production Environments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                           | D03TVLL | 2.931,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Premium Processor Value Unit (PVU) from Standard PVU Trade Up License + SW Subscription & Support 12 Months                                                      | D0EQYLL | 2.931,51 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (101-250) License + SW Subscription & Support 12 Months                                                                                     | D1IWTL  | 2.931,51 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Administrator Modernization Authorized User Subscription License Upgrade                                                                                               | D03CIZX | 2.922,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Software Store Edition Large for Red Hat OpenShift Resource Value Unit Monthly License                                                                        | D26RTL  | 2.921,68 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Cursive Recognition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                         | E0M4VLL | 2.915,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                        | D1L3ILL | 2.915,83 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse per Virtual Processor Core Monthly License                                                                                                                                | D1MG2LL | 2.906,33 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos PowerPlay Analyst Limited Use Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                | E06UHLL | 2.904,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for Multiplatforms, Concurrent User for System z, SW Subscription & Support Reinstatement 12 Months                                                                        | D04LILL | 2.904,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for Multiplatforms, Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                      | D04LFLL | 2.904,45 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Delivery and Service Appointments Instance Advanced Support per Month                                                                                   | E0E4QZX | 2.903,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Order Management-EE-AddOn-Delivery and Service Appointments Instance Advanced Support per Month                                                                                             | E0E5VZX | 2.903,85 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Blueworx Voice Response for AIX Port SW Support 12 MO                                                                                                                                   | D1QPXLL | 2.898,71 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Standard Edition Non-Production Environment Simultaneous Session Annual SW Subscription & Support Renewal                                                      | E0BXKLL | 2.898,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Authorized User Value Unit from Competitor Competitive Trade Up License + SW S&S 12 Months                                                                     | D0IQTL  | 2.892,26 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Employee User Value Unit License + SW Subscription & Support 12 Months                                                                                         | D07B2LL | 2.892,26 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Authorized User from Ratl Rose Dev for Java or Rose for Visual Studio Trade Up License + SW Subscription & Support 12 Months | D0C9NLL | 2.892,26 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add On for IBM Content Foundation Authorized User Term Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                   | E0IHSLL | 2.892,26 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ELO - Publishing Document Builder for US Federal Saas Concurrent User per Month                                                                                                         | D01NRZX | 2.891,42 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Predatar Cyber Recovery Orchestration Terabyte per Annum                                                                                                                                    | D0BC7ZX | 2.887,80 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Resource Adapter View Edition Non-Prod Server Annual SW Subscription & Support Renewal                                                                              | E050ULL | 2.886,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Foundation Support for Runtimes Virtual Processor Core SW Support 12 Months                                                                                                                | D1VS2LL | 2.886,51 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Reservation Coordinator Concurrent User Monthly License                                                                                                                  | D18XGLL | 2.884,48 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on Sterling B2B Integrator Enterprise Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                       | D0J04LL | 2.880,04 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data - Enterprise Edition Transition Virtual Processor Core Subscription License Upgrade                                                                                     | D065BZX | 2.878,21 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Virtual Processor Core Subscription License Upgrade                                                                                                  | D264PLL | 2.878,21 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data 10 Thousand Monthly Minutes Advanced Support Subscription License                                                                    | Z26B2LL | 2.878,21 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring Trade Up from IBM Director Resource Value Unit Trade Up License + SW Subscription & Support 12 Months                                                                    | D0IAPLL | 2.874,31 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Cartridge for IBM Cloud Pak for Data Reserved 10 Thousand Monthly Active Users Advanced Support Subscription Lic                                                          | Z08DDZX | 2.865,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Configuration Manager Asset Monthly License                                                                                                                                   | D18RULL | 2.857,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Premium Edition Processor Value Unit Trade Up License                                                                                                                 | D0837ZX | 2.849,90 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Mgmt Software Store Edition Mega Certified Container Resource Value Unit SL UPGRADE                                                                                         | D0C0PZX | 2.846,85 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Floating User Single Install from Rational Rose Enterprise Floating User Trade Up License + SW Subscription & Support 12 Months | D0C9SLL | 2.846,23 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Enterprise Server Edition for Non-Production Environments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                            | D1TIWLL | 2.841,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Build Committer Per Floating User Single Install SW Subscription & Support Reinstatement 12 Months                                                                               | D1ABILL | 2.841,21 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Eng Requirements Management DOORS Next Saas Concurrent User                                                                                                                                | D1TBQLL | 2.840,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization - Publishing Document Builder Saas Concurrent User per Month                                                                                            | D01NMZX | 2.840,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Saas Concurrent User                                                                                                               | D1TBSLL | 2.840,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Saas Concurrent User per Month                                                                                                                                 | D1TBJLL | 2.840,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Saas Concurrent User per Month                                                                                                                             | D1TAYLL | 2.840,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rhapsody Design Manager on Cloud Concurrent User per Month                                                                                                                                 | D1TBWLL | 2.840,27 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Professional Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                               | D0EQ1LL | 2.831,23 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics for Non-Production Environment Processor Value Unit (PVU) Trade Up from Tier 2 Trade Up License + SW Subscription & Support 12 Months  | D0A06LL | 2.830,55 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Case Management Structured Decision Making Add-on Authorized User License + SW Subscription & Support 12 Months                     | D1NGLLL | 2.830,55 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (1251-2000) Annual SW Subscription & Support Renewal                                                                     | E0LW9LL | 2.830,55 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet ISRA Professional Edition Non-Production Server Monthly License                                                                                 | D1D91LL | 2.828,37 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Automation Decision Services Ten Thousand Monthly API Calls Annual SW S&S Rnwl                                                                          | E0DL5ZX | 2.824,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Investigation Structured Decision Making Add-on Authorized User License + SW Subscription & Support 12 Months                       | D1NFULL | 2.824,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Backup Terabyte LIC + SW S&S 12 MO                                                                                                        | D0DSPZX | 2.824,91 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse for zLinux per Virtual Processor Core Monthly License                                                                                     | D1UTILL | 2.819,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Central Management Aggregation Pack for Data Warehouses Resource Value Unit (TB) SW Subscription & Support Reinstatement 12 Months    | D1E0VLL | 2.819,04 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Quoting Instance Advanced Support per Month                                                                             | E0E4SZX | 2.816,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Order Management-EE-AddOn-Quoting Instance Advanced Support per Month                                                                                       | E0E5XZX | 2.816,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage and QualityStage Designer Workgroup Edition Concurrent User Annual SW Subscription & Support Renewal                               | E0BRXLL | 2.813,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational ClearQuest MultiSite Floating User Annual SW Subscription & Support Renewal                                                                    | E0132LL | 2.813,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Add On Concurrent User Annual SW Subscription & Support Renewal                                                                | E0N89LL | 2.806,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Linear Asset Manager Concurrent User Annual SW Subscription & Support Renewal                                                                    | E0N81LL | 2.806,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D10XELL | 2.806,82 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Map Change Map Overage                                                                                          | D0MNGLL | 2.804,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Map Change Map Pay Per Use                                                                                      | D0P9PLL | 2.804,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data DataStage Enterprise Reserved Virtual Processor Core Advanced Support Subscription License                                           | Z09NEZX | 2.802,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Floating User Single Install Monthly License                                                    | D1BNJLL | 2.802,96 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Files Resource Value Unit (MVS) Subscription License                                                              | D29ACLL | 2.802,96 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Container Edition Resource Value Unit SW S&S Reinstatement 12 Mo                                           | D0850ZX | 2.801,83 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Informix ESQL/C Development Registered User SW Subscription & Support Reinstatement 12 Months                                                | D6DH2LL | 2.801,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix ESQL/COBOL Concurrent Session SW Subscription & Support Reinstatement 12 Months                                                     | D6DGLLL | 2.801,09 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Advisor with Watson Starter Pack 100 Events Per Second per Annum                                                                      | D01XVZX | 2.798,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Advanced Edition II 10 Eligible Participants Advanced Support 12 Months                                  | E0DW5ZX | 2.798,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Advanced Edition II for Retail100 Eligible Participants Advanced Support 12 Months                       | E0DW4ZX | 2.798,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Standard Edition II 10 Eligible Participants Advanced Support 12 Months                                  | E0DW7ZX | 2.798,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Standard Edition II 100 Eligible Participants Advanced Support 12 Months                                 | E0DW6ZX | 2.798,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Business 10 Eligible Participants Advanced Support 12 Months                                                         | E0DYXZX | 2.798,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport II for Retail 100 Eligible Participants Advanced Support 12 Months                                                          | E0DYWZX | 2.798,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Call Center-Standard Edition-AddOn-Recovery Time Objective Instance Advanced Support per Month                                               | E0DY2ZX | 2.798,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM One Day Self Paced Digital Learning for OpenPages Engagement Remotely Delivered Service                                                      | D01T8ZX | 2.798,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Classic Edition on Cloud Instance Advanced Support per Month                                                                       | E0G53ZX | 2.798,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management AddOn-Recovery Time Objective Instance Advanced Support per Month                                                  | E0E4HZX | 2.798,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Building Insights Production with IoT Platform - 2,350 SQM Item Advanced Support 12 Months                                           | E0E55ZX | 2.798,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Building Insights Production with IoT Platform - 25,000 SQ FT Item Advanced Support 12 Months                                        | E0E56ZX | 2.798,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Modernization Reserved Virtual Processor Core Advanced Support Subscription License                                     | Z0960ZX | 2.790,42 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for File Systems for Non-Production Environment Processor Value Unit License + SW Subscription & Support 12 Months         | D12UYLL | 2.788,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Microsoft SharePoint for Non-Production Environment Processor Value Unit License + SW Subscription & Support 12 Months | D12V6LL | 2.788,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Connector to Centera Storage & Retrieval Resource Value Unit Annual SW Subscription & Support Renewal                 | E052WLL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Connector to DR550 Storage & Retrieval Resource Value Unit Annual SW Subscription & Support Renewal                   | E052ZLL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Connector to Magnetic Storage & Retrieval Resource Value Unit Annual SW Subscription & Support Renewal                | E0530LL | 2.788,88 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Connector to Snaplock Storage & Retrieval Resource Value Unit Annual SW Subscription & Support Renewal     | E0531LL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Connector to Sun 5x20 CAS Storage & Retrieval Resource Value Unit Annual SW Subscription & Support Renewal | E052ULL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Integral SDS Connector to Centra Resource Value Unit Annual SW Subscription & Support Renewal              | E0532LL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Integral SDS Connector to HCAP Resource Value Unit Annual SW Subscription & Support Renewal                | E053RLL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Integral SDS Connector to IBM DR550 Resource Value Unit Annual SW Subscription & Support Renewal           | E052TLL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Integral SDS Connector to SnapLock Resource Value Unit Annual SW Subscription & Support Renewal            | E0533LL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Integral SDS Connector to Sun 5x20 CAS Resource Value Unit Annual SW Subscription & Support Renewal        | E0534LL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet IS Conn to Non FileNet Optical Resource Value Unit Annual SW Subscription & Support Renewal                               | E0563LL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to EMC Isilon Resource Value Unit Annual SW Subscription & Support Renewal                                   | E0KJQLL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to Centera Storage & Retrieval Resource Value Unit Annual SW Subscription & Support Renewal                  | E052VLL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to DR550 Storage & Retrieval Resource Value Unit Annual SW Subscription & Support Renewal                    | E052XLL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to Snaplock Storage & Retrieval Resource Value Unit Annual SW Subscription & Support Renewal                 | E056SLL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Nuclear Power Add On Authorized User Annual SW Subscription & Support Renewal                                          | E0AV6LL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Oil and Gas Add On Authorized User Annual SW Subscription & Support Renewal                                            | E0AVALL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Transportation Add On Authorized User Annual SW Subscription & Support Renewal                                         | E0AVELL | 2.788,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Utilities Add On Authorized User Annual SW Subscription & Support Renewal                                              | E0AVILL | 2.788,88 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Control Desk Concurrent User Monthly License                                                                                      | D18MRLL | 2.784,15 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Authorized User License + SW Subscription & Support 12 Months                                             | D1K82LL | 2.782,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor for MQ File Transfer Agent Install SW Subscription & Support Reinstatement 12 Months                       | D1HJ9LL | 2.782,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Build Forge Access Authorized User Annual SW Subscription & Support Renewal                                              | E03PPLL | 2.782,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months           | D0ECELL | 2.782,27 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months        | E09J2LL | 2.782,27 | Temporária com Manutenção |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM Process Automation Manager Open Edition Virtual Processor Core Subscription License                                                                             | D0BF2ZX | 2.940,91 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Data Collector for Cisco ACI Install Extended Support Subscription License                                                                               | X0BHBZX | 2.771,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Social Share for Salesforce Install Monthly License                                                                                                             | D0F0SZX | 2.771,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational ClearQuest and ClearQuest MultiSite Floating User Monthly License                                                                                      | D1BFZLL | 2.770,93 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months             | D1X9LLL | 2.760,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Add On Authorized User SW Subscription & Support Reinstatement 12 Months                                                               | D0HOHLL | 2.760,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Linear Asset Manager Authorized User SW Subscription & Support Reinstatement 12 Months                                                                   | D040TLL | 2.760,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Protect Plus for IBM Cloud Pak for Multicloud Management Terabyte Annual SW Subscription & Support Renewal 12 Months                                   | E04MJZX | 2.760,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Client Device SW Subscription & Support Reinstatement 12 Months                                                                 | D10MPLL | 2.760,95 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Applications Platform Migration Edition Virtual Processor Core Monthly License                                                                    | D22U0LL | 2.759,06 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Systems - Storage Scale Erasure Code Edition Terabyte Competitive Trade Up License + SW S&S 12 Months                                                           | D2359LL | 2.755,93 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | Motio ReportCard Processor Value Unit (PVU) SW S&S REINSTATE 12 MO                                                                                                  | D08Y7ZX | 2.755,93 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Db2 on Cloud Paygo for AWS BYOL Virtual Processor Core Pay per Use                                                                                                  | D01Y1ZX | 2.750,97 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Security (Gen 3) Disaster Recovery 100 Resource Unit Annual SW Subscription & Support Renewal                                                     | E05MFZX | 2.750,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Enterprise Server Edition Processor Value Unit (PVU) from Db2 Enterprise Server Edition PVU Trade Up License + SW Subscription & Support 12 Months | D0ZVTLL | 2.750,29 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Disaster Recovery 100 Resource Unit Annual Subscription & Support Renewal                                                        | E0AEHZX | 2.750,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Disaster Recovery 100 Resource Unit Reserved Annual Subscription & Support Renewal                                               | E0CNTZX | 2.750,29 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Db2 Reserved Virtual Processor Core Advanced Support Subscription Lic                                                                        | Z09GKZX | 2.746,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Virtualization Instance Pay per Use (On Demand)                                                                                                            | D05W6ZX | 2.745,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Manager with OpenStack for Sys x bundle Managed Server Annual SW Subscription & Support Renewal                                                           | E0D6LLL | 2.745,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand for i Authorized User SW Subscription & Support Reinstatement 12 Months                                                                | D0CKCLL | 2.745,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite Server Capacity Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                       | E0NZVLL | 2.745,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Sentinel Terabyte Initl FT LC+S&S 12 Mo                                                                                                                | D0AA6ZX | 2.745,27 | Temporária com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Sentinel Terabyte Subsequent FTL + SW Subscription and Support                                                                                      | E0AAAZX | 2.745,27 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Store Edition Large Resource Value Unit Monthly License                                                                            | D184MLL | 2.733,98 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM InfoSphere Virtual Data Pipeline Workgroup Edition Per Terabyte Subscription License                                                                         | D29HSL  | 2.727,71 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Asset Configuration Manager Add-on Saas Flex Concurrent User Overage                                                                              | D1UKGL  | 2.723,53 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Master Modernization Non-Production Virtual Processor Core SL UPGRADE                                                                                | D06PLZX | 2.720,69 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                         | D03UALL | 2.715,66 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                       | D0P2QL  | 2.709,19 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG & COBOL Tools Floating User Single Install Annual SW Subscription & Support Renewal                                             | E08DCL  | 2.709,19 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SmartCloud Application Performance Management Entry Managed Virtual Server SW Subscription & Support Reinstatement 12 Months                                 | D0Q3WLL | 2.709,19 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (1 to 10,000TB) subscription per Terabyte 12 Months                                                                                     | D06C2ZX | 2.708,90 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Management Edition for Disk per Disk Drive Annual SW Subscription & Support Renewal 12 Months                                             | E0P6QL  | 2.708,90 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Speech Services Cartridge IBM CPD for Non-Prod Environment Add Capacity 8 Virtual Processor Cores Advanced Support Subscription License               | Z26AMLL | 2.708,90 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Edition Modernization Reserved Virtual Processor Core Advanced Support Subscription Lic                                                         | Z09GUZX | 2.702,63 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Edition Modernization Virtual Processor Core Advanced Support Subscription License                                                              | Z03PWZX | 2.702,63 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Cloud Storage Connector to OpenStack-enabled devices Resource Value Unit Annual SW Subscription & Support Renewal                                 | E0KJNLL | 2.702,63 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to EMC Atmos Resource Value Unit Annual SW Subscription & Support Renewal                                                               | E0KJPLL | 2.702,63 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to Hitachi Content Platform Resource Value Unit Annual SW Subscription & Support Renewal                                                | E0KJMLL | 2.702,63 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet P8 Connector to S3-enabled devices Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                            | E0P3ALL | 2.702,63 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Graphical Appointment Book for Scheduler Plus per Concurrent User Annual SW Subscription & Support Renewal                                            | E0NSILL | 2.702,63 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network OFTP2 Connection On-Demand Setup                                                                                 | D1C7MLL | 2.692,44 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition CPU Option Processor Value Unit (PVU) from Qualified Competitor Processor Trade Up License + SW Subscription & Support 12 Months | D0D5NLL | 2.691,25 | Upgrade com Manutenção   |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Analytics Enterprise Authorized User Monthly License                                                                             | D0A25ZX | 2.690,09 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum LSF Suite for Workgroups Install Subscription License                                                                            | D28GALL | 2.690,09 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Composite Application Manager for Transactions for Web and Robotic Response and Tracking Resource Value Unit Monthly License       | D18QDLL | 2.690,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite - Front End Terabyte (1-100) Monthly License                                                                            | D1IPGLL | 2.690,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite - Front End Terabyte (1-100) Monthly License                                                                            | D1IS4LL | 2.690,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Express Connector for Non-Production Environment per Install Monthly License                                           | D17MULL | 2.677,55 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Storage Optimization Feature for Enterprise Edition Authorized User Single Install License + SW Subscription & Support 12 Months | D091WLL | 2.675,67 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Cache for IBM Cloud Large Instance Pay Per Use                                                                                       | D15UVLL | 2.674,98 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Session Cache for IBM Cloud Large Instance Pay Per Use                                                                                    | D15UYLL | 2.674,98 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Automated Network Observability Managed device LIC + SW S&S 12 MO                                                                  | D0GGNZX | 2.670,65 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Collaboration and Deployment Services Deployment Manager Authorized User Monthly License                                             | D17QLLL | 2.670,43 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Integration for Enterprise Per Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                         | E0NAHLL | 2.668,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM System Storage SAN Volume Controller Entry Edition Metro/Global Mirror Disk Drive License + SW Subscription & Support 12 Months           | D057RLL | 2.666,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Per Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                             | D1R9KLL | 2.665,01 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Pack for SAP Applications for Non-Production Environments Install Advanced Support Subscription Lic         | Z078AZX | 2.665,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Pack for SAP Applications for Non-Production Environments Install Advanced Support Subscription Licence     | Z07XLZX | 2.665,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Pack for SAP BW for Non-Prod Environments Server Advanced Support Subscription License                      | Z07X4ZX | 2.665,01 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM QMF Analytics for Multiplatforms Authorized User Annual SW Subscription & Support Renewal 12 Months                                       | E0PT1LL | 2.665,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Enterprise Edition CPU Option Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months              | D0IJHLL | 2.659,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (251-500) Annual SW Subscription & Support Renewal                                                 | E0MNYLL | 2.659,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (65-100) SW Subscription & Support Reinstatement 12 Months                                    | D1IWSLL | 2.659,99 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise 100 Mbps Install Advanced Support Subscription License                                                                  | Z09PZZX | 2.658,73 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos PowerPlay Client User Limited Use Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                              | E062ALL | 2.654,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM LoadLeveler for Linux on x86 Architecture with 1-2 sockets Install Annual SW Subscription & Support Renewal                               | E0DISLL | 2.654,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Application Center Concurrent User SW Subscription & Support Reinstatement 12 Months                                         | D0Q12LL | 2.654,35 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise for IBM Cloud Public Million API Calls Pay Per Use                                                                                                                          | D1X3ELL | 2.649,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Professional for IBM Cloud Million API Calls Pay Per Use                                                                                                                               | D1SVYLL | 2.649,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud App Configuration Enterprise Instance Application instance Pay per Use                                                                                                                       | D05BMZX | 2.649,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud High Availability 2.8.500 Paygo Instance Pay Per Use                                                                                                                                  | D1P03LL | 2.649,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Compare and Comply Premium 100 Document Pay per Use                                                                                                                                         | D00W0ZX | 2.649,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Compare and Comply Standard 100 Document Pay per Use                                                                                                                                        | D00W3ZX | 2.649,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog PayGo Additional 250 Authorized Users Pay per Use                                                                                                                         | D008BZX | 2.649,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Visual Inspection Mobile Client Device Monthly License                                                                                                                                      | D26JCLL | 2.648,90 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Central Management and Aggregation Pack for Big Data Resource Value Unit (MVS) SW Subscription & Support Reinstatement 12 Months                                                 | D1E03LL | 2.648,19 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Edition for Non-Production Environment from Standard Non-Production Environment Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J4KLL | 2.648,19 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Modernization Non Production Reserved Virtual Processor Core Advanced Support Subscription License                                                                              | Z09NPZX | 2.646,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Floating User Monthly License                                                                                                        | D1BTFL  | 2.639,92 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Tools and Utilities Add On Floating User Single Install Monthly License                                                                                        | D1BR9LL | 2.639,92 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Premium Concurrent User Extended Support Subscription License                                                                                                                      | X0EPMZX | 2.639,92 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Small for Red Hat OpenShift per Resource Value Unit Annual SW Subscription & Support Renewal                                                      | E0QNZLL | 2.635,97 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition for Non-Prod Env from Financial Standard Edition Non-Prod Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months   | D0J4QLL | 2.628,01 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition per Entity ID Software Subscription & Support Reinstatement 12 Months                                                                         | D28ZQLL | 2.626,01 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                         | D29PMLL | 2.626,01 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Contributor Authorized User Single Install Annual SW Subscription & Support Renewal                                                                          | E0F7PLL | 2.622,36 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Authorized User Single Install license Annual SW Subscription & Support Renewal                                                         | E0665LL | 2.622,36 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Test Management Contributor Authorized User Single Install Annual SW Subscription & Support Renewal                                                                                    | E05M9LL | 2.622,36 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Contributor Authorized User Single Install Annual SW Subscription & Support Renewal                                                                                | E0AQ6LL | 2.622,36 | Manutenção após Vigência |

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| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Platform Streams Messaging Base w IBM per Virtual Server Subscription License                                                                              | D291TLL | 2.614,84 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Essentials Software API Call Add On Monthly API Calls Monthly License                                                                                    | D0GPMZX | 2.614,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DevOps Model Architect Authorized User Monthly License                                                                                                               | D0FIDZX | 2.614,84 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Computing Suite for High Performance Analytics per Virtual Server Subscription License                                                                      | D28FULL | 2.613,01 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Express User per Authorized User Annual SW Subscription & Support Renewal                                                                                     | E09T1LL | 2.611,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Standard Edition Connection License + SW Subscription & Support 12 Months                                                          | D0IZTLL | 2.605,83 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Enterprise Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                  | D0J0XLL | 2.605,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Data Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                | D0IV7LL | 2.599,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Workgroup Edition Authorized User Single Install from Express Edition Authorized User Single Install Trade Up License + SW Subscription & Support 12 Months | D0ZDTLL | 2.599,37 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Scheduler Authorized User Annual SW Subscription & Support Renewal                                                                           | E07QSLL | 2.599,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Amos Authorized User Annual SW Subscription & Support Renewal                                                                                                   | E09QSLL | 2.599,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Amos for zEnterprise BladeCenter Extension Authorized User Annual SW Subscription & Support Renewal                                                             | E0H45LL | 2.599,37 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Application Server Network Deployment per Virtual Processor Core Monthly License                                                                           | D1NZALL | 2.598,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License                             | D26SRLL | 2.596,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Pack for Healthcare Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License                                     | D26SELL | 2.596,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Other Streaming Analytics Entry Monthly Virtual Server Pay Per Use                                                                                                   | D1VLZLL | 2.593,92 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Streaming Analytics Entry Monthly Container Container Pay Per Use                                                                                                    | D1WIBLL | 2.593,92 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise for non-production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                               | D1WVILL | 2.593,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Employee User Value Unit from IBM FileNet Image Services Trade Up License + SW Subscription & Support 12 Months                              | D0Q47LL | 2.593,62 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Standard Edition per Virtual Processor Core Monthly License                                                                                       | D1ZXKLL | 2.589,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Health Safety and Environment Manager Concurrent User Monthly License                                                                                         | D1Q78LL | 2.589,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for Multiplatform Authorized User License + SW Subscription & Support 12 Months                                                                        | D53H4LL | 2.585,37 | Permanente com Manutenção |

|      |    |                                                |      |      |                                                                                                                                                                          |         |          |                           |
|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Video Analytics Managed Client Device Annual SW Subscription & Support Renewal 12 Months                                                                             | EOQAWLL | 2.585,37 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Inspector Portable Enterprise Edition Client Device Monthly License                                                                                                  | D07Y8ZX | 2.584,29 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Object Access SMART Mobile BP only Authorized User Annual SW Subscription & Support Renewal                                                  | E0AV1LL | 2.579,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for Multiplatform Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                  | E02JFLL | 2.579,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for Multiplatforms, Processor Value Unit (PVU) for Linux on System z, Annual SW Subscription & Support Renewal                                         | E02JGLL | 2.579,72 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Informix Reserved Virtual Processor Core Extended Support Subscription Lic                                                                        | X09GLZX | 2.577,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Cartridge for IBM CPD Non-Production Environment Reserved Install Extended Support Subscription Lic                                                 | X09N3ZX | 2.577,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Functional Tester Authorized User Monthly License                                                                                                           | D1BF3LL | 2.577,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                         | D06WGLL | 2.574,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Express for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                           | D0Z2ILL | 2.574,71 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Professional for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                             | D0EP0LL | 2.574,71 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Standard for Retail Premium Support 100 Eligible Participant per Annum                                                                      | D1T90LL | 2.574,36 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Standard Premium Support 10 Eligible Participants per Annum                                                                                 | D1T91LL | 2.574,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Software Architect Designer Floating User Single Install Monthly License (z sellers)                                                                        | D1BM6LL | 2.569,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Software Architect Designer Floating User Single Install Monthly License (z sellers)                                                                        | D1BM7LL | 2.569,93 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Processor Value Unit from Cognos Impromptu Web Reports Limited Use Processor Value Unit Trade Up License + SW Subscription & Support 12 Months | D1AC6LL | 2.569,07 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Processor Value Unit from Cognos NoticeCast Web Limited Use Processor Value Unit Trade Up License + SW Subscription & Support 12 Months        | D1AC5LL | 2.569,07 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Processor Value Unit from Cognos Visualizer Web Limited Use Processor Value Unit Trade Up License + SW Subscription & Support 12 Months        | D1AC7LL | 2.569,07 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition with Custom Pattern Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                       | D1DX2LL | 2.569,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Integrator Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                      | D0JSDLL | 2.564,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (1251-2000) SW Subscription & Support Reinstatement 12 Months                                                     | D1NDTLL | 2.562,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server - Express Developer Authorized User SW Subscription & Support Reinstatement 12 Months                                                   | D522RLL | 2.562,75 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar SOAR Breach Response Add-On per User Value Unit (Concurrent User) Monthly License                                                                        | D22R2LL | 2.562,42 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2B Integrator and Sterling File Gateway Enterprise Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License | D28KXLL | 2.552,13 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Contributor Authorized User Single Install Annual SW Subscription & Support Renewal 12 Months                                      | E0M35LL | 2.547,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Spatial Asset Management Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                        | D1R83LL | 2.547,75 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Endpoint 100 Mbps Install Monthly License                                                                                                                         | D04FWZX | 2.545,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Cognos Analytics Viewer Reserved Virtual Processor Core Extended Support Subscription License                                                         | X09LPZX | 2.539,59 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Modernization Virtual Processor Core Subscription License Upgrade                                                   | D08LDZX | 2.539,59 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Rapid Network Automation Process Subscription License Upgrade                                                                                                            | D0FQLZX | 2.539,59 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Standard Ed Non Prod Virtual Server LIC + SW S&S 12 MO                                                                | D08QPZX | 2.539,59 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Edition Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Advanced Support Subscription Lic                                              | Z09GMZX | 2.533,32 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Db2 Big SQL per Virtual Server Subscription License                                                                                                                      | D272RLL | 2.533,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Db2 BigSQL per Virtual Processor Core Subscription License                                                                                                               | D272SLL | 2.533,32 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise Custom Hosted Model Item Pay per Use                                                                                                         | D04XJZX | 2.533,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Plus Instance Pay per Use                                                                                                                               | D04XPZX | 2.533,13 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Authorized User from Cognos Impromptu User Authorized User Trade Up License + SW Subscription & Support 12 Months                                  | D1ACOLL | 2.532,07 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Authorized User from Cognos Impromptu Web Reports Authorized User Trade Up License + SW Subscription & Support 12 Months                           | D1AC1LL | 2.532,07 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Authorized User from Cognos Visualizer Authorized User Trade Up License + SW Subscription & Support 12 Months                                      | D1AC3LL | 2.532,07 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Explorer Modernization Virtual Processor Core Advanced Support Subscription License                                                                               | Z28SHLL | 2.527,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Big Replicate for Hadoop Virtual Server Monthly License                                                                                                                  | D1YFMLL | 2.526,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Archive Enterprise Edition - Archive File Access Terabyte Monthly License                                                                               | D076XZX | 2.526,86 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Application Suite per AppPoint from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                                     | D07ZAZX | 2.521,41 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 for IBM Cloud Pak for Data Non-Production Virtual Processor Core Monthly License                          | D08M9ZX | 2.519,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Architect InfoSphere Data Architect Authorized User Monthly License                                                                                      | D19A3LL | 2.519,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Architect InfoSphere Data Architect Authorized User Monthly License                                                                                      | D19A6LL | 2.519,68 | Saas                      |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Secure Proxy Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License                                | D28L1LL | 2.519,68 | Assinatura                |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Viewer 100 Authorized User Advanced Support per Annum                                                                  | E0E8LZX | 2.514,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for SAP Applications Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                   | D0E06LL | 2.513,94 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Automation Virtual Processor Core Annual SW Subscription & Support Renewal                                                  | E05K6ZX | 2.513,94 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Monitor for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months          | D151TLL | 2.508,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management User Workspace Add-On Authorized User SW Subscription & Support Reinstatement 12 Months                 | D1RA5LL | 2.508,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Stakeholder Floating User Single Install Annual SW Subscription & Support Renewal               | E0F7MLL | 2.508,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Gateway Add On Authorized User Annual SW Subscription & Support Renewal                           | E078GLL | 2.508,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Stakeholder Floating User Single Install Annual SW Subscription & Support Renewal                     | E0AQDLL | 2.508,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                  | D0BQDLL | 2.508,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 101-250 License + SW Subscription & Support 12 Months                                           | D11L7LL | 2.508,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for 5250 Applications on Multiplatforms Processor Value Unit (PVU) License + SW Subscription & Support 12 Months        | D03IPLL | 2.501,74 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Design Reviewer Floating User Single Install Annual SW Subscription & Support Renewal                     | E0CA4LL | 2.501,74 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudant Dedicated Node on IBM IaaS Instance Advanced Support per Month                                                               | E0GAWZX | 2.499,68 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Netezza Performance Server for IBM Cloud Pak for Data Non-Production Virtual Processor Core Subscription License                      | D0ALJZX | 2.498,58 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Disaster Recovery Software Install Monthly License                                                                             | D1RSALL | 2.498,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Log Manager High Availability Software Install Monthly License                                                                 | D1RSMLL | 2.498,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Business Developer Floating User Monthly License                                                                             | D1BI1LL | 2.498,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational ClearCase and ClearCase MultiSite Floating User Monthly License                                                              | D1BFPLL | 2.498,15 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User per Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                         | E0HVPLL | 2.496,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Performance Management Offering for Db2 Direct Standard Edition per Virtual Processor Core ANNUAL SW S&S RNWL                     | E0MLVLL | 2.496,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Performance Management Offering for Db2 Direct Standard Edition per Virtual Processor Core for Linux on System ANNUAL SW S&S RNWL | E0MLWLL | 2.496,00 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Developer for Workgroups Starter Pack 10 Authorized User Single Install Monthly License               | D1BLBLL | 2.490,97 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (1251-2000) SW S&S Reinstatement 12 Months                                                  | D108JLL | 2.489,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (1251-2000) SW S&S REINSTATE 12 MO                                               | D1085LL | 2.489,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Premium Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                           | D0EQRLL | 2.489,53 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Data Storage on Cloud Gigabyte per Month                                                                                    | D1A5XLL | 2.487,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flow Analytics 10K Flows Per Minute per Month                                                                         | D0A7TZX | 2.487,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flow Analytics for IBM Cloud Pak for Security Saas 10K Flows Per Minute per Month                                     | D05STZX | 2.487,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Software for Non-Production Install Monthly License                                                                            | D21DHLL | 2.481,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Aviation Add-on Saas Flex Concurrent User Subscription per Month                                                           | D1UJVLL | 2.481,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Cast Iron Live Enterprise Edition with 2 Endpoints Install Advanced Support per Month                                       | E0DXWZX | 2.481,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for Data Warehouses per Resource Value Unit (MVS) Extended Support Subscription License             | X29A8LL | 2.476,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Non-Production with SLA Instance Advanced Support per Month                                                           | E0G9XZX | 2.474,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Microsoft Office 1000 External Pack User Value Unit License + SW Subscription & Support 12 Months    | D1HGHLL | 2.473,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Permanent Redaction 1000 External Pack User Value Unit License + SW Subscription & Support 12 Months | D1HHWLL | 2.473,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Application Server Advanced Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months              | D0BDNLL | 2.473,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Calibration Concurrent User Trade Up from 3 Maximo Calibration Authorized User + SW Subscription & Support 12 Months           | D1R7WLL | 2.473,12 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Performance Management Managed Device License + SW Subscription & Support 12 Months                                    | D08PQZX | 2.473,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Analytic Server Hadoop Pushback Resource Value Unit Annual SW Subscription & Support Renewal                                     | E0HS4LL | 2.473,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Analytic Server Hadoop Pushback zEnterprise BladeCenter Extension Resource Value Unit Annual SW Subscription & Support Renewal   | E0HS5LL | 2.473,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Edition Small per Resource Value Unit Annual SW Subscription & Support Renewal                        | E0HRZLL | 2.473,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Management Edition per Terabyte SW Subscription & Support Reinstatement 12 Months                                  | D1VLBLL | 2.468,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Standard Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                     | D03S1LL | 2.462,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Full Text Search Processor Value Unit License + SW Subscription & Support 12 Months                          | D0S88LL | 2.457,45 | Permanente com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Base Edition Virtual Processor Core SW Subscription and Support Renewal 12 Months                                                                                          | E0R1CLL | 2.457,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Integration Hub Authorized User Single Install Initial Fixed Term License + SW Subscription & Support                                                              | D0YQCLL | 2.457,45 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Integration Hub Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                 | E0H1WLL | 2.457,45 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configure Price Quote Enterprise Partner Sales per Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                | E0HSDLL | 2.457,45 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Inventory Management Add-on per Resource Value Unit Initial Fixed Term License + SW Subscription & Support 12 Months                           | D1024LL | 2.457,45 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Inventory Management Add-on per Resource Value Unit Subsequent Fixed Term License + SW Subscription & Support 12 Months                        | E0HSVLL | 2.457,45 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TXSeries Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                              | D55VCLL | 2.457,45 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Function-DCS Document Conversion Service-Instance Per Month                                                                                | D00AYZX | 2.456,15 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Edition Processor Value Unit License + Software Subscription & Support 12 Months                                                                     | D1B0ZLL | 2.456,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Standard Edition Processor Value Unit (PVU) Trade up from IBM Sterling Gentran Processor Value Unit (PVU) Trade Up License + SW Subscription & Support | D2A2NLL | 2.452,93 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ILOG CPLEX Optimizer Cluster Edition per Process Monthly License                                                                                                               | D1R12LL | 2.451,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                        | D0EF4LL | 2.451,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced CURRENCY VALUE UNIT SW Subscription & Support Reinstatement 12 Months                                                                   | D0VK2LL | 2.451,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database CURRENCY VALUE UNIT SW Subscription & Support Reinstatement 12 Months                                    | D0VK6LL | 2.451,80 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Standard 10 Eligible Participants per Annum                                                                                                           | D1LL1LL | 2.451,75 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Standard for Retail100 Eligible Participants per Annum                                                                                                | D1LL0LL | 2.451,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                     | D55IVLL | 2.446,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment Simultaneous Session SW Subscription & Support Reinstatement 12 Months                                          | D0J3WLL | 2.440,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Add-on for Red Hat OpenShift Resource Value Unit Software Subscription & Support Reinstatement 12 Months                              | D26RILL | 2.440,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Plus 10 Managed Virtual Servers Annual SW Subscription & Support Renewal                                                                                       | E0NXKLL | 2.440,71 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Plus Capacity per Terabyte Annual SW Subscription & Support Renewal                                                                                                | E0P83LL | 2.440,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer Content Reader Authorized User SW Subscription & Support Reinstatement 12 Months                                                | D0G66LL | 2.434,98 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configurator Add-on for eCommerce Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                     | E0BUJLL | 2.434,98 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Nuclear Power Authorized User Monthly License                                                                                                                           | D18R5LL | 2.432,99 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Oil and Gas Authorized User Monthly License                                                                                                                             | D1D2ILL | 2.432,99 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Transportation Authorized User Monthly License                                                                                                                          | D1D2KLL | 2.432,99 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Utilities Authorized User Monthly License                                                                                                                               | D1D2MLL | 2.432,99 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak System Software Suite Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                           | D1PEHLL | 2.431,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Gold for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                               | D10NLLL | 2.428,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition from Sterling File Gateway Enterprise Edition Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J4RLL | 2.428,52 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Modernization Virtual Processor Core Subscription License Upgrade                                                                                      | D0BZWZX | 2.426,72 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA CAD Integrator/Publisher Authorized User Monthly License                                                                                                                   | D18XTLL | 2.426,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Facility Assessment Concurrent User Monthly License                                                                                                                        | D18WULL | 2.426,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite - Front End Terabyte (101-250) Monthly License                                                                                                                   | D1IPHLL | 2.426,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite - Front End Terabyte (101-250) Monthly License                                                                                                                   | D1ISELL | 2.426,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Runbook Automation Private Deployment Instance Advanced Support per Month                                                                                                              | E0DYEZX | 2.425,06 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Limited Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                | D25UDLL | 2.422,77 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Business 10 Client Devices Advanced Support 12 Months                                                                                     | E0DYFZX | 2.417,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Retail 100 Client Devices Advanced Support 12 Months                                                                                      | E0DX3ZX | 2.417,64 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 33-64 SW Subscription & Support Reinstatement 12 Months                                                                                      | D1IL4LL | 2.416,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Standard Activity Monitor for Data Warehouses Resource Value Unit (TB) Annual SW Subscription & Support Renewal                                                  | E0L01LL | 2.404,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Advanced Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                      | D1L3ULL | 2.404,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Virtual Storage Center Storage Capacity Unit (2001+) Annual SW Subscription & Support Renewal                                                                                      | E0MP9LL | 2.404,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Monthly License                                                             | D0BYQZX | 2.401,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network for ACMA / SIAM Entity ID Set Up                                                                                                       | D1VGDLL | 2.400,19 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Base Concurrent User Monthly License                                                                                                                               | D17S1LL | 2.397,65 | Saas                      |

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| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Large for Red Hat OpenShift per Resource Value Unit Subscription License                                              | D28LVLL | 2.397,65 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Community Development Services Document Verification Service Document Set Up                                                                     | D0PABLL | 2.393,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Community Development Services Document Verification Service On-Demand Setup                                                                     | D0P9XLL | 2.393,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM COBOL for AIX Authorized User Monthly License                                                                                                                          | D1BDRLL | 2.390,47 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for Multiplatforms, Concurrent User for System z, Competitive Products Trade Up License + SW Subscription & Support 12 Months                             | D04LJLL | 2.387,84 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for Multiplatforms, Concurrent User from Competitive Products Trade Up License + SW Subscription & Support 12 Months                                      | D04LGLL | 2.387,84 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Desktop Harvesting Client Device License + SW Subscription & Support 12 Months                                                                       | D0Q0ILL | 2.387,84 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Standard Edition-Base-Support per Trading Partner-Active Entity ID Per Month                                                             | D00PNZX | 2.387,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for IBM Content Foundation Authorized User Value Unit Annual SW Subscription & Support Renewal                                       | E0IJHLL | 2.382,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on B2B Integrator Enterprise Edition for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D0J09LL | 2.382,83 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                            | D09B4LL | 2.377,19 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                         | E0722LL | 2.377,19 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                   | D0981LL | 2.377,19 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                | E06YZLL | 2.377,19 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Real-time Compression Storage Capacity Unit SW Subscription & Support Reinstatement 12 Months                                                    | D1NG5LL | 2.377,19 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Professional Authorized User Subscription License Upgrade                                                                                              | D0EPYZX | 2.376,56 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Non Production for Red Hat OpenShift Virtual Processor Core Subscription License                 | D08VCZX | 2.376,11 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Express Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                      | D1X9RLL | 2.372,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos PowerPlay Analyst Authorized User Annual SW Subscription & Support Renewal                                                                                      | E0624LL | 2.372,17 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Analyzer Workbench Workgroup Edition Concurrent User Monthly License                                                                                          | D19I6LL | 2.370,29 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Multi Payment Communication Gateway Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                     | D5825LL | 2.366,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM HACP for Multiplatforms, Authorized User License + SW Subscription & Support 12 Months                                                                                               | D5BGCLL | 2.366,52 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Host Access Client Package for Multiplatforms (HACP), Authorized User System z, License + SW Subscription & Support 12 Months                                                        | D6152LL | 2.366,52 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition for SAP Applications Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                            | E0K1WLL | 2.366,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition from Integrator Enterprise Edition Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months            | D0J49LL | 2.366,52 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments Agent for Citrix XenApp Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                             | D0LMCLL | 2.366,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments Agent for Citrix XenDesktop Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                         | D0LMALL | 2.366,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments for Citrix XenServer Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                | D0IB0LL | 2.366,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                     | D0IAWLL | 2.366,52 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Studio Premium for IBM Cloud Pak for Data Reserved Virtual Processor Core Advanced Support Subscription Lic                                                                   | Z08E4ZX | 2.364,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) on Cloud For US Federal Lease Volume 100 Item Overage                                                                                | D2285LL | 2.362,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) on Cloud Lease Volume 100 Item Overage                                                                                               | D2283LL | 2.362,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition Non-Production Environment from Standard Non-Production Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J47LL | 2.355,30 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                       | D0J15LL | 2.355,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Testing Environment Authorized User License + SW Subscription & Support 12 Months                                                                                               | D29L5LL | 2.355,30 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Rose Enterprise Authorized User Monthly License                                                                                                                             | D1BH4LL | 2.351,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Plus Client Process Support with Client Customer Support Entity ID Overage                                                                         | D0MP3LL | 2.350,44 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center CPLEX Engine Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                               | D0IV3LL | 2.349,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS for HP Quality Center Interface Floating User Annual SW Subscription & Support Renewal                                                     | E0762LL | 2.349,55 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Stakeholder Authorized User Single Install from Competitive Trade Up License + SW Subscription & Support 12 Months | D0GI8LL | 2.349,55 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Call Center Add-on per User Value Unit Subsequent Fixed Term License + SW Subscription & Support 12 Months               | E0HSULL | 2.349,55 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Insight Edition Add-On Bronze Instance Advanced Support per Month                                                                          | E0FZMZ  | 2.344,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Hybrid Entitlement Authorized User Overage                                                                                      | D1XEKLL | 2.344,22 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM B2B Gateway Pack Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                                     | E0N5PLL | 2.337,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Workgroup Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                 | D0IQBLL | 2.337,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Advanced Activity Monitor for Files Resource Value Unit Annual SW Subscription & Support Renewal                                 | E0LKVLL | 2.337,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Tivoli Composite Application Manager for Applications Single Agent Resource Value Unit Annual SW Subscription & Support Renewal             | E0F3QLL | 2.337,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard for Non-Prod Container Edition Resource Value Unit LIC + SW S&S 12 MO                                 | D0852ZX | 2.335,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | InfoSphere Optim Test Data Management Enterprise Edition Accelerator for Oracle Applications Processor Value Unit (PVU) Annual SW S&S Rnwl             | E0B9TZ  | 2.334,55 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics as a Service Standard Instance Advanced Support per Month                                                                       | E0GZQZX | 2.331,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Temporary Upgrade 1K Events Per Second Advanced Support per Month                                                                  | E0DZXZX | 2.331,79 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Authorized User SW Subscription & Support Reinstatement 12 Months                       | D26G1LL | 2.330,89 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Business Analytics Enterprise Cartridge for IBM Cloud Pak for Data Authorized User Subscription License                                            | D0A58ZX | 2.326,39 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Business Analytics Enterprise Cartridge for IBM CPD Reserved Authorized User Subscription License                                                  | D0AA1ZX | 2.326,39 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Cartridge for IBM Cloud Pak for Data Non-Prod Reserved Virtual Processor Core Advanced Support Subscription License             | Z09NYZX | 2.326,39 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage for Non-Production Environments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                   | D03UYLL | 2.323,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication VSAM for Z/OS Remote Source Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                | E0QGFL  | 2.323,88 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas Premium Edition-Base-Function-350 Documents Per Annum Overage                                                        | D00DQZX | 2.319,35 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas Premium Edition-Base-Function-Thousand Kilo Characters Per Annum Overage                                             | D00DNZX | 2.319,35 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas Standard Edition-Base-Function-350 Documents Per Annum Overage                                                       | D00DTZX | 2.319,35 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas Standard Edition-Base-Function-Thousand Kilo Characters Per Annum Overage                                            | D00DVZX | 2.319,35 | Saas                      |

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| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Value-Added Network Annual-Base Function-Thousand Kilo Characters Per Annum Overage                                     | D00DJZX | 2.319,35 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Value-Added Network Annual-Base-Function-350 Documents Per Annum Overage                                                | D00DLZX | 2.319,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Value Added Network Function-Thousand Kilo Characters Per Month Overage                                            | D005QZX | 2.313,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Value Added Network-Base-Function-350 Documents Per Month Overage                                                  | D005UZX | 2.313,13 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Analyzer Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                     | D03UHLL | 2.312,94 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Processor Value Unit (PVU) from Professional PVU Trade Up License + SW Subscription & Support 12 Months              | D0ER5LL | 2.312,94 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect Virtual Servers High Storage Small Instance Pay per Use                                                                      | D01ZYZX | 2.310,00 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Predatar Backup Analytics and Automation Terabyte per Annum                                                                                          | D0DKBZX | 2.305,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Workgroup Server Edition Limited Use Socket Monthly License                                      | D1CXALL | 2.304,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Workgroup Server Edition Limited Use Socket Monthly License                                 | D1CXFLL | 2.304,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Encryption Offering for DB2 Workgroup Server Edition Limited Use Socket Monthly License                                                      | D1CWTL  | 2.304,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Managed Service Providers Limited Use Authorized User SW Subscription & Support Renewal                                  | E05B1LL | 2.302,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Calibration Concurrent User Annual SW Subscription & Support Renewal                                                                      | E0N8BLL | 2.302,56 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Account Lifecycle Manager for Users Authorized User per Annum                                                          | D06UIZX | 2.298,24 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module per Processor Value Unit SW Subscription & Support Reinstatement 12 Months | D1GTBLL | 2.296,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM API Connect Enterprise Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                  | D1LLSLL | 2.291,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Add-On Authorized User Value Unit License + SW Subscription & Support 12 Months                                               | D04GJLL | 2.291,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Indoor Maps - 2,350 SQM Per Item Annual SW Subscription & Support Renewal                                                                | E06LZZX | 2.291,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Indoor Maps - 25,000 SQ FT Per Item Annual SW Subscription & Support Renewal                                                             | E06M3ZX | 2.291,91 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM COBOL for Linux on x86 Virtual Processor Core Monthly License                                                                                    | D28XTLL | 2.289,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloud Pak for Data Watson Studio Premium per Virtual Processor Core Advanced Support Subscription License                                            | Z266HLL | 2.288,77 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Enterprise Edition Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                    | D07AALL | 2.286,89 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                    | D04ALLL | 2.286,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for 5250 Applications, Authorized User License + SW Subscription & Support 12 Months                                                                     | D04LNLL | 2.286,89 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication Modernization Non Production Virtual Processor Core Subscription License Upgrade                                                                     | D0BZLZX | 2.282,50 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational ClearQuest Floating User Monthly License                                                                                                                     | D1BFTLL | 2.282,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integrated Analytics Small Server Instance per Month                                                                                                            | D1Q3ALL | 2.282,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integrated Analytics storage 500 Gigabytes per Month                                                                                                            | D1QZBLL | 2.282,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Insight Edition Add-On Network Scanning Device Resource Value Unit License + SW Subscription & Support 12 Months                                              | D1K02LL | 2.281,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Insight Edition Add-On Occasional Authorized User Value Unit License + SW Subscription & Support 12 Months                                                    | D1JZWLL | 2.281,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Enterprise Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                             | D1K18LL | 2.281,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Red Hat OpenShift Virtual Processor Core (VPC) Annual SW Subscription & Support Renewal 12 Months                                 | EOQVILL | 2.281,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Add-on Resource Value Unit Software Subscription & Support Reinstatement 12 Months                                                    | D0NX2LL | 2.281,24 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data DataStage Enterprise Plus Non-Production Reserved Virtual Processor Core Extended Support Subscription License                                     | X09NUZX | 2.276,23 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Floating User Single Install Annual SW Subscription & Support Renewal                                      | E076WLL | 2.276,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Floating User Single Install Annual SW Subscription & Support Renewal                             | E078YLL | 2.276,23 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Service Collaboration Network Client Services Assisted Restore Request Pay Per Use                                                                       | D0MJTLL | 2.275,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Client Services Assisted Mailslot Status Request Pay Per Use                                                              | D0MJWLL | 2.275,82 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Add-On 1000 External Pack User Value Unit Annual SW Subscription & Support Renewal                                                      | E0KG5LL | 2.269,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Processor Value Unit (PVU) from IBM InfoSphere Business Glossary PVU Trade Up License + SW Subscription & Support 12 Months | D0P2RLL | 2.269,86 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Calibration Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                  | D03X5LL | 2.269,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Standard Activity Monitor for Big Data Resource Value Unit (MVS) Annual SW Subscription & Support Renewal                                           | E0KZXLL | 2.269,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Professional Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months                                          | D0ECBLL | 2.269,86 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Professional Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                       | E09IZLL | 2.269,86 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Director Non-Production Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                            | E0QB4LL | 2.269,86 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Asset Configuration Manager Add-on Saas Flex Concurrent User Subscription per Month                                                                    | D1UKFLL | 2.269,61 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Analytics Content Hub Authorized User License + SW Subscription & Support 12 Months                                                                               | D0D6AZX | 2.259,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Account Lifecycle Manager On-Premises for Users Non-Production Authorized User SW S&S REINSTATE 12 MO                                   | D06SHZX | 2.257,42 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Service Provider Management Professional per Authorized User License + SW Subscription & Support 12 Months                                                  | D1R30LL | 2.254,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Concurrent Session SW Subscription & Support Reinstatement 12 Months                                                                | D6DFGLL | 2.251,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime zSeries (S/390) Concurrent Session SW Subscription & Support Reinstatement 12 Months                                                | D52AULL | 2.251,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Interactive Debugger Development Authorized User for zSeries (S/390) SW Subscription & Support Reinstatement 12 Months                               | D52ARLL | 2.251,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Interactive Debugger Development Registered Authorized User SW Subscription & Support Reinstatement 12 Months                                        | D6DFXLL | 2.251,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Concurrent Session SW Subscription & Support Reinstatement 12 Months                                                                     | D6DG5LL | 2.251,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime zSeries (S/390) Concurrent Session SW Subscription & Support Reinstatement 12 Months                                                     | D52AMLL | 2.251,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Concurrent Session License + SW Subscription & Support 12 Months                                                                             | D6DJHLL | 2.251,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime zSeries (S/390) Concurrent Session License + SW Subscription & Support 12 Months                                                             | D52B4LL | 2.251,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog for Non-Production Environments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                | D0P26LL | 2.251,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Workgroup Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                              | D16IALL | 2.251,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Patient Hub - Advanced Edition Resource Value Unit SW Subscription & Support Reinstatement 12 Months                            | D0NURLL | 2.251,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Patient Hub - Standard Edition Resource Value Unit License + SW Subscription & Support 12 Months                                | D0NUHLL | 2.251,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Product Hub - Advanced Edition for Non-Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months | D0LP3LL | 2.251,92 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center Reviewer Edition Authorized User Monthly                                                                                             | D17ZZLL | 2.251,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Quality Professional Authorized User Single Install Monthly License                                                                   | D1BIVLL | 2.251,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix SQL Runtime Option Virtual Processor Core Monthly License                                                                                                | D263TLL | 2.244,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Mailbox Request On-Demand Setup                                                                                       | D0P9RLL | 2.244,73 | Saas                      |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Mailslot Set Up                                                                                                             | D0MPWLL | 2.244,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Managed AS2 Connection On-Demand Setup                                                                                      | D0MKGLL | 2.244,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Managed AS2 Connection Set Up                                                                                               | D0MPLLL | 2.244,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network OFTP2 Connection Set Up                                                                                                     | D1C7LLL | 2.244,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Expectant Event Alerting Service Request Set Up                                                                                 | D0MPJLL | 2.244,73 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Application Server Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                         | D55NILL | 2.244,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Change Data Delivery Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                | D0B6ZLL | 2.244,25 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Designer for Systems Engineers Authorized User Monthly License                                                                      | D1BR6LL | 2.238,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Advanced Authorized User Monthly License                                                                                                             | D1WJELL | 2.238,60 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | DrumWave dWallet Business for IBM Cloud Pak for Data User per Annum                                                                                                         | D0A1NZX | 2.238,48 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Enterprise as a Service One Hundred Thousand Resource Unit Advanced Support per Annum                                                                       | E0G08ZX | 2.238,48 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Development Authorized User Annual SW Subscription & Support Renewal                                                                              | E2DFNLL | 2.233,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Development Authorized User zSeries (S/390) Annual SW Subscription & Support Renewal                                                              | E00QDLL | 2.233,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Development Registered Authorized User Annual SW Subscription & Support Renewal                                                                        | E2DGCLL | 2.233,26 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Anywhere Concurrent User Monthly License                                                                                                                         | D1QBBLL | 2.232,33 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Studio Premium Modernization Reserved Virtual Processor Core Extended Support Subscription Lic                                                                   | X09JNZX | 2.232,33 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Studio Premium Modernization Virtual Processor Core Extended Support Subscription License                                                                        | X03BKZX | 2.232,33 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Enterprise Server Edition Processor Value Unit (PVU) from Db2 Enterprise Server Edition and OPM PVU Trade Up License + SW Subscription & Support 12 Months | D0ZUVLL | 2.227,52 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Authorized User Annual SW Subscription & Support Renewal                                                    | E076BLL | 2.227,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Add-On Authorized User Value Unit License + SW Subscription & Support 12 Months                                                           | D1AE7LL | 2.227,52 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                    | E0DKILL | 2.227,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Authorized User Annual SW Subscription & Support Renewal                          | E08X3LL | 2.227,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Extension for Deployment Planning Authorized User Annual SW Subscription & Support Renewal                                         | E08YKLL | 2.227,52 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Standard User Authorized User Annual SW Subscription & Support Renewal                                                                             | E08BYLL | 2.221,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Account Hub - Advanced Edition for Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months    | D0LM4LL | 2.221,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub - Advanced Edition for Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months | D0LNZLL | 2.221,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Provider Hub - Standard Edition Resource Value Unit SW Subscription & Support Reinstatement 12 Months                              | D0NUPLL | 2.221,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition for Non-Prod Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months           | D0IZ5LL | 2.221,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Enterprise Edition Starter Pack Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                         | D0AR3LL | 2.215,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Enterprise Edition Add-On Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                                         | D0T5HLL | 2.215,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Starter Pack Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                    | D0AR9LL | 2.215,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Account Hub - Standard Edition for Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months        | D0LLTLL | 2.215,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub - Standard Edition for Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months     | D0LL3LL | 2.215,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Deploy Server Agent per Managed Virtual Server Annual SW Subscription & Support Renewal                                                                    | E0J1BLL | 2.215,31 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Event Automation Virtual Processor Core Monthly License                                                                                                              | D0DU7ZX | 2.213,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Privacy for Data Warehouse Appliances Resource Value Unit Monthly License                                                                            | D0BA1ZX | 2.213,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Life Sciences Authorized User Monthly License                                                                                                             | D18RNLL | 2.211,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Motio ReportCard Authorized User SW S&S REINSTATE 12 MO                                                                                                                  | D08Y2ZX | 2.206,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Backup Capacity Expansion Terabyte Annual SW S&S Renewal                                                                                              | E09Q9ZX | 2.195,96 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Non Production Reserved Virtual Processor Core Subscription License                                                            | D080DZX | 2.194,71 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Non-Production Virtual Processor Core Subscription License                                                                     | D27TQLL | 2.194,71 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ Virtual Processor Core Monthly License                                                                                                                            | D1RYSLL | 2.194,71 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Enterprise Ed Non Prod Virtual Server SW S&S REINSTATE 12 MO                                                      | D08Q4ZX | 2.194,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Express Performance Management User Workspace Add-On Authorized User License + SW Subscription & Support 12 Months                                            | D1R8QLL | 2.190,91 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Quality and Governance for Non-Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months             | D0P3JLL | 2.190,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Standard Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                        | D0IZSLL | 2.190,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition for Non-Production Environment per Entity ID License + Software Subscription and Support 12 Months                                | D28ZSLL | 2.188,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition Non-Production Resource Value Unit License + SW Subscription & Support 12 Months                                                  | D29PPLL | 2.188,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Provider Management Authorized User Annual SW Subscription & Support Renewal                                                                                                     | E0E6QLL | 2.185,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud App Management Extension Pack Managed Virtual Server SW Subscription & Support Reinstatement 12 Months                                                                           | D22YALL | 2.184,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                         | D178WLL | 2.184,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Authorized User Value Unit from Content Manager OnDemand for i Authorized User Trade Up License + SW Subscription & Support 12 Months                         | D0CRELL | 2.184,45 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Check Processing Check Pack Resource Value Unit Initial Fixed Term License + SW Subscription & Support 12 Months                                                               | D1K31LL | 2.184,45 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Check Processing Check Pack Resource Value Unit Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                            | E0M61LL | 2.184,45 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 4 vCPUs Instance Pay per Use                                                                                                                                | D01R9ZX | 2.183,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-eInvoicing Clearance-350 Documents Overage                                                                                                         | D04PQZX | 2.182,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-eInvoicing Clearance-350 Documents per Month                                                                                                       | D04PNZX | 2.182,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cobalt Iron Compass Saas (above 10,000TB) subscription per Terabyte 12 Months                                                                                                              | D06C3ZX | 2.182,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Modernization Reserved Virtual Processor Core Extended Support Subscription License                                                                          | X097BZX | 2.182,17 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer Deployment Edition Processor Value Unit License + SW Subscription & Support 12 Months                                                                             | D0CV2LL | 2.178,70 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express TM1 User Authorized User Annual SW Subscription & Support Renewal                                                                                           | E0N8ILL | 2.178,70 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Enterprise Edition for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | DOJ0YLL | 2.178,70 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Standard Edition Connection License + SW Subscription & Support 12 Months                                                                                      | D0IZILL | 2.178,70 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition per Processor Value Unit Annual SW Subscription & Support Renewal                                                                               | E0LLXLL | 2.178,06 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud Concurrent User Overage                                                                                | D1FQ4LL | 2.176,34 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Premium Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months  | E0PXSLL | 2.163,99 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Plus Client Process Support with Client Supplier Support Entity ID Overage        | D0MNWLL | 2.163,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Authorized User Annual SW Subscription & Support Renewal                                   | E09PVLL | 2.160,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Bootstrapping Authorized User Annual SW Subscription & Support Renewal                                         | E09PTLL | 2.160,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Categories Authorized User Annual SW Subscription & Support Renewal                                            | E09PRLL | 2.160,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Complex Samples Authorized User Annual SW Subscription & Support Renewal                                       | E09PPLL | 2.160,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Conjoint Authorized User Annual SW Subscription & Support Renewal                                              | E09PMLL | 2.160,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Custom Tables Authorized User Annual SW Subscription & Support Renewal                                         | E09PXLL | 2.160,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Data Preparation Authorized User Annual SW Subscription & Support Renewal                                      | E09PZLL | 2.160,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Decision Trees Authorized User Annual SW Subscription & Support Renewal                                        | E09QCLL | 2.160,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Authorized User Annual SW Subscription & Support Renewal                                      | E09QALL | 2.160,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Exact Tests Authorized User Annual SW Subscription & Support Renewal                                           | E09Q8LL | 2.160,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Forecasting Authorized User Annual SW Subscription & Support Renewal                                           | E09Q7LL | 2.160,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Missing Values Authorized User Annual SW Subscription & Support Renewal                                        | E09Q4LL | 2.160,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Neural Networks Authorized User Annual SW Subscription & Support Renewal                                       | E09Q2LL | 2.160,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Regression Authorized User Annual SW Subscription & Support Renewal                                            | E09PKLL | 2.160,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Network Management PA Managed Virtual Network Device Lic + SW S&S 12 Mo                  | D15J0LL | 2.158,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Process Manager Concurrent User License + SW Subscription & Support 12 Months                          | D02ZQZX | 2.158,97 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Actions on Cloud per Thousand Items Overage                                                           | D22V5LL | 2.157,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Team Management on Cloud Add-On (AU) Authorized User Overage                                          | D22UALL | 2.157,09 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition CPU Option Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D0D1RLL | 2.153,32 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Provider Hub - Advanced Edition Limited Use Resource Value Unit License + SW Subscription & Support 12 Months                             | D16EZLL | 2.153,32 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Business Analytics Enterprise Authorized User Subscription License                                                                                                          | D0A26ZX | 2.150,82 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Knowledge Accelerator for Energy and Utilities per Currency Value Unit Extended Support Subscription License                                                                | X28XFLL | 2.150,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite - Front End Terabyte (251-500) Monthly License                                                                                                            | D1IPILL | 2.150,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite - Front End Terabyte (251-500) Monthly License                                                                                                            | D1ISFLL | 2.150,82 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Collaborator Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                     | D0B1CLL | 2.147,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony GPU Harvesting General Purpose Graphics Proc Unit Annual SW Subscription & Support Renewal                                                                | E0DXDLL | 2.147,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Employee User Value Unit Annual SW Subscription & Support Renewal                                                                      | E054LLL | 2.142,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix WRKGRP Edition User Option Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                        | D0D25LL | 2.142,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage for Non-Production Environments Processor Value Unit (PVU) from IBM InfoSphere DataStage Server Trade Up License + SW Subscription & Support 12 Months | D03U0LL | 2.142,09 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management Ten Thousand Monthly Events Annual SW Subscription & Support Renewal 12 Months                                             | E0PLFLL | 2.135,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Base Virtualization Software Storage Capacity Unit (1-100) Annual SW Subscription & Support Renewal 12 Months                                         | E0MQDLL | 2.135,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (2001+) Annual SW Subscription & Support Renewal                                                                                             | E0LUMLL | 2.135,64 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Standard Edition Virtual Processor Core Subscription License                                                                                             | D2659LL | 2.132,00 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Guardium Analyzer Install License + SW Subscription & Support 12 Months                                                         | D12TTLL | 2.129,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add On for IBM FileNet Content Manager Authorized User Term Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months  | E0IJBLL | 2.129,89 | Temporária com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data for Planning Analytics Advanced Reserved Authorized User Subscription License                                                                            | D09P8ZX | 2.125,73 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PL/I for AIX Authorized User Monthly License                                                                                                                                | D1BEJLL | 2.124,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Floating User Single Install Monthly License                                                    | D1BKPLL | 2.124,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Control Standard Select Edition per Storage Device Monthly License                                                                                                 | D200WLL | 2.124,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Standard Authorized User Monthly License                                                                                                                    | D1D3LLL | 2.124,86 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License                               | D28KRLL | 2.124,86 | Assinatura                |

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| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Healthcare Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License         | D28KMLL | 2.124,86 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Service Provider Authorized User Annual SW Subscription & Support Renewal                                                        | E0CWXLL | 2.123,42 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Application Center Concurrent User Initial Fixed Term License + SW Subscription & Support 12 Months                              | D0Q06LL | 2.123,42 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Application Center Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                           | E0DWULL | 2.123,42 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Field Services per Authorized User Annual SW Subscription & Support Renewal                                                           | E0PJPLL | 2.123,42 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | SingleStoreDB Standard with IBM Non Production Virtual Server Subscription License                                                                | D0A4MZX | 2.119,46 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise for IBM Cloud Million API Calls Pay Per Use                                                                            | D1SVZLL | 2.117,69 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for SmartMeters 1000 Client Devices License + SW Subscription & Support 12 Months                     | D0L58LL | 2.117,69 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 PMO for Direct Standard Edition for Non-Production Environments Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months | E0NQULL | 2.117,69 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Workgroup Edition Modernization Virtual Processor Core Subscription License Upgrade                                                  | D03VHZX | 2.117,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Composite Application Manager For Applications Full Agent Pack Resource Value Unit Monthly License                                     | D18YVLL | 2.117,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Base-Labor-Medium Map Change-Map Pay Per Use                                                                    | D005JZX | 2.114,15 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Authorized User SW Subscription and Support Renewal 12 Months                      | E03I5ZX | 2.110,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Data Server for Non Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months          | D1LKULL | 2.105,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Server Bundle Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                      | E0MI9LL | 2.105,48 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn AppConnect Enterprise Instance Advanced Support per Month                                                 | E0EB6ZX | 2.101,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Capacity for Non-Production 100 Events per Second Monthly License                                                       | D20MVLL | 2.095,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas for US Federal Authorized User Overage                                                         | D1MJWLL | 2.095,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Navigator Enterprise Development Environment Instance Advanced Support per Month                                                                  | E0FZWZX | 2.095,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Essentials Software API Call Add On Monthly API Calls Subscription License                                                        | D0GPKZX | 2.094,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for SAP Applications Employee User Value Unit License + SW Subscription & Support 12 Months                                 | D0E07LL | 2.089,36 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                    | D0J19LL | 2.089,36 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Studio Premium Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Extended Support Subscription Lic                                    | X09JTX  | 2.088,11 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Capacity for Disaster Recovery 100 Events per second Monthly License                                                                      | D1RPHLL | 2.085,69 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Occasional Authorized User Value Unit Annual SW Subscription & Support Renewal                                                         | E0K29LL | 2.084,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Integration for Non-Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D0P34LL | 2.084,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Cognos Analytics Consumer User Authorized User SW Subscription & Support Reinstatement 12 Months                                     | D0ETALL | 2.084,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Standard Edition Connection License + SW Subscription & Support 12 Months                                                       | D0J1CLL | 2.084,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Brazilian Portuguese Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                      | D56N0LL | 2.084,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from French Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                    | D55QEEL | 2.084,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from German Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                    | D55QALL | 2.084,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Italian Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                   | D55Z2LL | 2.084,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Japanese Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                  | D55Z4LL | 2.084,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Korean Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                    | D56MYLL | 2.084,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Simplified Chinese Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                        | D55Z6LL | 2.084,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Spanish Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                   | D55QCCL | 2.084,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Traditional Chinese Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                       | D55Z8LL | 2.084,35 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Community Development Services Partner Test Coordination Service Document On-Demand Setup                                                 | D1C5ILL | 2.083,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Community Development Services Partner Test Coordination Service Document Set Up                                                          | D1C5HLL | 2.083,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Data Collector for Cisco ACI Install Advanced Support Subscription License                                                                               | Z0BHBZX | 2.081,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Endpoint 45 Mbps Install Monthly License                                                                                                                 | D04GKZX | 2.081,78 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Big Replicate for Hadoop Virtual Server Subscription License                                                                                                    | D2923LL | 2.081,78 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Nuclear Power Add On Concurrent User Monthly License                                                                                                 | D1SB2LL | 2.081,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Oil and Gas Add on Concurrent User Monthly License                                                                                                   | D1Q7RLL | 2.081,78 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Transportation Add On per Concurrent User Monthly License                                                                                                                     | D1R76LL | 2.081,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Utilities Add on Concurrent User Monthly License                                                                                                                              | D1QAVLL | 2.081,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational ClearCase Floating User Monthly License                                                                                                                                         | D1BFILL | 2.081,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition per Entity ID Software Subscription & Support Reinstatement 12 Months                                                             | D26SZLL | 2.081,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition Authorized User Single Install Annual SW Subscription & Support Renewal                                                                                    | E028NLL | 2.078,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for FTI Ringtail eDiscovery Legal Review Non Production Named User SW Support 12 Months                                                                                    | D1E1VLL | 2.078,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Employee User Value Unit from IBM Enterprise Records Foundation Content Collector Edition Employee Trade Up License + SW Subscription & Support 12 Months  | D1ADLLL | 2.078,71 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Control Desk on Cloud Concurrent User PER MONTH                                                                                                                                          | D0TDGLL | 2.076,85 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Enterprise Edition Non-Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                     | E0MCQLL | 2.076,76 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Privacy and Security for Data Warehouse Appliances Resource Value Unit Monthly License                                                                                              | D199XLL | 2.074,61 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (1-100) Annual SW S&S Renewal                                                                                                                  | E0HV8LL | 2.074,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (1-100) Annual SW S&S Renewal                                                                                                       | E0HV1LL | 2.074,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Premium for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                   | D0EPXLL | 2.074,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Enterprise Edition CPU Option Processor Value Unit (PVU) from Informix Enterprise Edition PVU Trade Up License + SW Subscription & Support 12 Months                   | D0IJILL | 2.073,69 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Patient Hub - Advanced Edition Resource Value Unit from IMDM Patient Hub - Standard Edition RVU Trade Up License + SW Subscription & Support 12 Months | D0NUSLL | 2.073,69 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for 5250 Applications, Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                    | D04LLLL | 2.073,69 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas per Authorized User Overage                                                                                                               | D1J50LL | 2.070,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Custom Domain Hub - Standard Edition for Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                  | D0LKTLL | 2.068,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub - Standard Edition for Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                   | D0LL0LL | 2.068,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Enterprise Edition Guardium Analyzer Install License + SW Subscription & Support 12 Months                                                                 | D12TXLL | 2.068,04 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition Guardium Analyzer Install License + SW Subscription & Support 12 Months                                                         | D12UBLL | 2.068,04 | Permanente com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM XL C for AIX Authorized User Annual SW Subscription & Support Renewal                                                                                                     | E1A1FLL | 2.063,03 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Content Collector Edition Authorized User Value Unit License + SW Subscription & Support 12 Months                                          | D1AYLLL | 2.062,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                            | E0AI1LL | 2.062,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QMF Analytics for Multiplatforms Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                 | D1U0ALL | 2.062,41 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Standard Edition Modernization Virtual Processor Core Subscription License Upgrade                                                                                    | D03QBZX | 2.060,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Process Designer Authorized User Monthly License                                                                                                                          | D1D48LL | 2.060,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Add-on for FIPS for Non-Production Environment Install Monthly License                                                                            | D1829LL | 2.060,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Add-on for FIPS for Non-Production Environment Install Monthly License                                                                              | D183DLL | 2.060,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Saas for US Federal Concurrent User Overage                                                                                   | D1TD7LL | 2.057,24 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Server for Non-Production Environment Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months    | D10XULL | 2.056,67 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Server for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0I65LL | 2.056,67 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloud Enterprise Records Non-Production Environment Silver Instance Advanced Support per Month                                                                                | E0DWUZX | 2.051,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Cast Iron Live Standard Edition Unrestricted Application Endpoints Install Advanced Support per Month                                                           | E0DXSZX | 2.051,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Order Management-EE-AddOn-Data Storage Terabyte Advanced Support per Month                                                                                                    | E0E5LZX | 2.051,97 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Product Hub - Advanced Edition for Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal                  | E0CZMLL | 2.044,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                        | D0EF1LL | 2.044,46 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data NP Reserved Virtual Processor Core Extended Support Subscription License                                   | X096SZX | 2.044,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ Advanced for Non-Production Environment Virtual Processor Core SW Monthly License                                                                                      | D052MZX | 2.044,22 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition for Non-Production Environments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                    | D1TITLL | 2.041,71 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Storage Add-On 2.0 per Terabyte per Month                                                                                                                    | D1H87LL | 2.039,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Storage Add-On 2.0 per Terabyte per Month                                                                                                        | D1H8MLL | 2.039,54 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Storage Add-On per Terabyte per Month                                                                                                                                                                                                            | D1M2PLL | 2.039,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Starter Edition for Non-Production on Cloud Instance Advanced Support per Month                                                                                                                                                                | E0G58ZX | 2.033,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Account Hub - Advanced Edition for Financial Services per Resource Value Unit from InfoSphere MDM Account Hub - Standard Edition for Financial Services per RVU Trade Up License + SW Subscription & Support 12 Months | D0LM5LL | 2.032,26 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Account Hub - Advanced Edition for Non-Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months                                                                                        | D0LLVLL | 2.032,26 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub - Advanced Edition for Financial Services Resource Value Unit from InfoSphere MDM Individual Hub - Standard Ed for Financial Services RVU Trade Up License + SW Subscription & Support 12 Months        | D0LPOLL | 2.032,26 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub - Advanced Edition for Non-Financial Services Resource Value Unit License + SW Subscription & Support 12 Months                                                                                         | D0LNTLL | 2.032,26 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                                           | D08BFLL | 2.032,26 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                                                                                  | D0IANLL | 2.032,26 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Key Lifecycle Manager for Transparent Data Encryption per Client Device Monthly License                                                                                                                                                | D0DGGZX | 2.031,67 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Db2 Terabyte Monthly License                                                                                                                                                                                             | D26W6LL | 2.031,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Content Collector Edition Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                                                | D0VETLL | 2.025,79 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Availability - Db2 Database Non-Production Virtual Processor Core Monthly License                                                                                                                                                   | D24QALL | 2.024,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Management Authorized User Monthly License                                                                                                                                                                                                  | D18QPLL | 2.024,36 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                                             | D29PHLL | 2.020,94 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication Non-RDBMS Targets for Non-Prod Environments Install Extended Support Subscription License                                                                                                                                    | X04R1ZX | 2.019,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management for IBM Cloud Pak for Data Reserved Virtual Processor Core Extended Support Subscription License                                                                                                                                  | X09MGZX | 2.019,13 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Foundation Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                                                                          | D0ZWQLL | 2.014,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Recovery Feature Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                                                   | D0ZSELL | 2.014,75 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 for IBM Cloud Pak for Data Non-Production Virtual Processor Core Subscription License                                                                                                     | D08MAZX | 2.012,86 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (501-750) Annual SW Subscription & Support Renewal                                                                                                                                                                | E0MNZLL | 2.009,73 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on Sterling B2B Integrator Standard Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months    | D0J0SLL | 2.009,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 251+ License + SW Subscription & Support 12 Months                                                          | D1I9LL  | 2.009,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM StoredIQ for Legal Policy Syndication SDK per Authorized User License + SW Subscription & Support 12 Months                                       | D22WCLL | 2.009,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Application Suite AppPoint Annual SW Subscription & Support Renewal                                                                       | E07ZBZX | 2.009,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors - 2,350 SQM Per Item License + SW Subscription & Support 12 Months                                      | D29P9LL | 2.009,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors - 25,000 SQ FT Per Item License + SW Subscription & Support 12 Months                                   | D29P3LL | 2.009,73 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Application Developer for WebSphere Software Authorized User Monthly License                                                             | D1BGLLL | 2.006,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Application Developer for WebSphere Software for zSeller Authorized User Monthly License                                                 | D1BGNLL | 2.006,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Virtual Storage Center Subscription Edition Terabyte SUBSCRIPTION LICENSE                                                                         | D067AZX | 2.006,59 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Non-Production Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months                      | E0QQBLL | 2.004,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition PVU from IBM InfoSphere Optim Test Data Management Solution 6 PVU Trade-Up License + S&S | D0DE2ZX | 2.004,08 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Architecture Room Live for Rational Software Architect Designer Floating User Single Install Annual SW Subscription & Support Renewal 12 Months   | E0PN7LL | 1.999,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Appeals and Legal Actions per Authorized User Annual SW Subscription & Support Renewal                                                      | E0N7ILL | 1.999,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Advanced for Non Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                      | D1L43LL | 1.999,07 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Learning Apptio All Access Education Pass Individual Engagement per Month                                                             | D0GWJZX | 1.996,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Learning Cloudability All Access Education Pass Individual Engagement per Month                                                       | D0GWQZX | 1.996,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Expert Labs Learning Targetprocess All Access Education Pass Individual Engagement per Month                                                      | D0GWXZX | 1.996,01 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Discover and Classify for Unstructured Data per Resource Value Unit (TB) Annual SW Subscription & Support Renewal                        | E0CF4ZX | 1.994,05 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Base Concurrent User Subscription License                                                                                         | D0EQZZX | 1.994,05 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale For Scale System Data Access Edition for Disk per Disk Drive Annual SW Subscription & Support Renewal 12 Months                     | E0P6RLL | 1.994,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Structured Decision Making Add-on Authorized User Annual SW Subscription & Support Renewal                                    | E0E5PLL | 1.993,43 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced CEO Authorized User Annual SW Subscription & Support Renewal                                                                    | E0DJWLL | 1.993,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Authorized User Value Unit SW Subscription & Support Renewal                                                              | E051TLL | 1.993,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Content Collector Edition 1000 External Pack User Value Unit Annual SW Subscription & Support Renewal          | E0KH4LL | 1.993,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Basic Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                               | D12RPLL | 1.993,43 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Manager for Server Non Production Managed Server per Annum                                                         | D05Q9ZX | 1.992,36 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Intake and Assessment per Authorized User Annual SW Subscription & Support Renewal                                                     | E0N72LL | 1.988,41 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Advanced Cartridge for IBM Cloud Pak for Data Authorized User Subscription License                                        | D03JCZX | 1.987,78 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Planning Analytics Advanced Cartridge for IBM Cloud Pak for Data Reserved Authorized User Subscription License                               | D09JVZX | 1.987,78 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault Saas for Privileged Users per Authorized User Subscription Advanced Support 12 Months                        | E0E21ZX | 1.984,80 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Process Mining Analyst User add-on Authorized User Advanced Support per Annum                                                                    | E0E73ZX | 1.984,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Express for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D1X9ULL | 1.982,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos PowerPlay Studio Add-on Limited Use Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                               | E0628LL | 1.982,76 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Premium Concurrent User Advanced Support Subscription License                                                                | Z0EPMZX | 1.981,51 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Ceph Terabyte License + Software Subscription and Support 12 Months                                                                  | D0CYVZX | 1.977,75 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Enterprise Design Thinking by IBM for Integration and Development Authorized User per Annum                                                      | D017QZX | 1.977,48 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Enterprise Design Thinking by IBM for Management and Platform Authorized User per Annum                                                          | D017RZX | 1.977,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM X-Force Exchange Commercial API Monthly Subscription w/ Support per Ten Thousand Items Advanced Support 12 Months                            | E0E9AZX | 1.977,36 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Premium Processor Value Unit (PVU) from Professional PVU Trade Up License + SW Subscription & Support 12 Months       | D0EQZLL | 1.976,98 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Terabyte Monthly License                                                      | D08RZZX | 1.974,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments Agent for Cisco UCS Resource Value Unit License + SW Subscription & Support 12 Months             | D0LM7LL | 1.971,24 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Application Performance Management Advanced Average Managed Virtual Server Overage                                                     | D1HB0LL | 1.971,14 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Curam Income Support Professional Authorized User License + SW Subscription & Support 12 Months                                                    | D0QU1LL | 1.967,09 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Build Forge Access Floating User Monthly License                                                                                          | D1BHMLL | 1.966,93 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics User Authorized User Annual SW Subscription & Support Renewal                                                                     | E0K32LL | 1.964,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SmartCloud Monitoring per Virtual Server SW Subscription & Support Reinstatement 12 Months                                                         | D0NMNLL | 1.964,79 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Inspector Wearable Client Device Monthly License                                                                                                   | D0806ZX | 1.962,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Actions on Cloud per Thousand Items per Month                                                                                        | D22V0LL | 1.962,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Team Management on Cloud Add-On (AU) Authorized User per Month                                                                       | D22U9LL | 1.962,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Virtual Storage Center Storage Capacity Unit (1-100) per Month                                                                                     | D1N4WLL | 1.959,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D0IZ9LL | 1.959,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Edge Application Manager BASE Install SW Subscription & Support Reinstatement 12 Months                                                            | D0BKKZX | 1.956,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition User Option Authorized User Single Install Annual SW Subscription & Support Renewal                                    | E08SRLL | 1.952,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (1-12) Annual SW Subscription & Support Renewal                                                        | E0LWCLL | 1.952,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (251+) License + SW Subscription & Support 12 Months                                                   | D1IWVLL | 1.952,57 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud - US Federal Additional Author Authorized User per Month                                                         | D1I4LL  | 1.952,48 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Enterprise Design Thinking by IBM for Digital Business Automation Authorized User per Annum                                                            | D017PZX | 1.947,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Network Automation Resource Unit Annual Software Subscription and Support Renewal                                                    | E053YZX | 1.946,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Non-Production Virtual Processor Core Annual SW S&S Rnwl                            | E08S4ZX | 1.946,84 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center Client Edition Authorized User Monthly License                                                                        | D180HLL | 1.945,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Management Scheduler Concurrent User Monthly License                                                                                  | D1Q70LL | 1.945,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Pack for Supply Chain EDI Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License             | D26SKLL | 1.945,39 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Maximo for Utilities Authorized User                                                                                                                   | Y07N8ZX | 1.943,89 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Db2 for z/OS Remote Source per Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                             | E0PMKLL | 1.940,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Floating User Single Install Annual SW Subscription & Support Renewal 12 Months         | E0QL0LL | 1.940,12 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Enhanced Retention Management Multiplatforms Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D07B7LL | 1.934,63 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for Multiplatform Authorized User from Competitive Products Trade Up License + SW Subscription & Support 12 Months                   | D53H6LL | 1.934,63 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for Multiplatforms, Authorized User for System z, SW Subscription & Support Reinstatement 12 Months                                   | D04LZLL | 1.934,63 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for Multiplatforms, Authorized User SW Subscription & Support Reinstatement 12 Months                                                 | D04LVLL | 1.934,63 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Central Site Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                         | D590VLL | 1.934,63 | Manutenção após Vigência |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas Premium Edition-Base-Function-350 Documents Per Annum                                                                | D00DPZX | 1.932,60 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas Premium Edition-Base-Function-Thousand Kilo Characters Per Annum                                                     | D00DMZX | 1.932,60 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas Standard Edition-Base-Function Thousand Kilo Characters Per Annum                                                    | D00DUZX | 1.932,60 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas Standard Edition-Base-Function-350 Documents Per Annum                                                               | D00DSZX | 1.932,60 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Value-Added Network Annual-Base Function-Thousand Kilo Characters Per Annum                                               | D00DIZX | 1.932,60 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Value-Added Network Annual-Base-Function-350 Documents Per Annum                                                          | D00DKZX | 1.932,60 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Informix Reserved Virtual Processor Core Advanced Support Subscription Lic                                                      | Z09GLZX | 1.931,34 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Cartridge for IBM CPD Non-Production Environment Reserved Install Advanced Support Subscription Lic                               | Z09N3ZX | 1.931,34 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-B2B API Gateway 500 API Calls Overage                                                                                | D08NPZX | 1.927,61 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-B2B API Gateway 500 API Calls Subscription per Month                                                                 | D08NNZX | 1.927,61 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Value Added Network-Base Function-Thousand Kilo Characters Per Month                                                 | D005PZX | 1.927,61 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Value Added Network-Function-350 Documents Per Month                                                                 | D005TZX | 1.927,61 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (101-250) Annual SW Subscription & Support Renewal 12 Months                                    | E0MQELL | 1.924,45 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services Collaboration Network Premium Support Advanced Support per Month                                                                 | E0E11ZX | 1.921,39 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (2001+) SW Subscription & Support Reinstatement 12 Months                                       | D1NDVLL | 1.918,80 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Floating User Single Install Monthly License                                            | D1BJILL | 1.918,80 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Contributor Floating User Single Install Monthly License                                                               | D1BJ1LL | 1.918,80 | Saas                     |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Floating User Single Install Monthly License                                                                    | D1BLFLL | 1.918,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Insights for Guardium Data Protection for z/OS per Resource Value Unit (MSU) Annual SW Subscription & Support Renewal 12 Months           | EOQYNLL | 1.918,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module Non-Production per Processor Value Unit License + SW Subscription & Support 12 Months | D1GU6LL | 1.916,85 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Enterprise User Authorized User Overage                                                            | D1UMILL | 1.915,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud for US Federal Enterprise User Authorized Users Overage                                            | D1UMYLL | 1.915,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Enterprise User Authorized User Overage                                                            | D1C3YLL | 1.915,17 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Analyzer for Non-Production Environments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                    | DOC5WLL | 1.913,79 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Cartridge for IBM Cloud Pak for Data Non-Production Virtual Processor Core Subscription License                                 | D0BYRZX | 1.912,53 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Open XL Fortran for AIX Authorized User Monthly License                                                                                                         | D1BUTLL | 1.912,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Express Authorized User per Month                                                                                         | D1RK3LL | 1.908,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Express User Workspace Add-On Authorized User SW Subscription & Support Reinstatement 12 Months                                                      | D1R8BLL | 1.908,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management Advanced Workspace Add-On Authorized User Annual SW Subscription & Support Renewal                                            | E0N6QLL | 1.908,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Internal Service Provider Edition Concurrent User Annual SW Subscription & Support Renewal                                                     | E0DFYLL | 1.908,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Resource Management Professional Authorized User License + SW Subscription & Support 12 Months                                          | D1NF2LL | 1.908,15 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer Content Reader Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months          | D0G5YLL | 1.908,15 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer Content Reader Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months       | E0AGXLL | 1.908,15 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender on DataPower (Virtual) Processor Value Unit License SW Subscription & Support 12 Months                                    | D0BP7ZX | 1.908,15 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Enterprise - Production Edition Processor Value Unit SW Subscription & Support Reinstatement 12 Months                            | D29N0LL | 1.907,92 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Cognos Analytics Viewer Reserved Virtual Processor Core Advanced Support Subscription License                                            | Z09LPZX | 1.906,26 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Internal Service Provider Edition Authorized User SW Subscription & Support Reinstatement 12 Months                                            | D0LKQLL | 1.903,13 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center CPLEX Server for Non Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                      | D1LKPLL | 1.903,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                        | D0EKBLL | 1.903,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Enterprise Edition Non-Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                           | D1K1CLL | 1.897,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Advanced Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months from IBM Transformation Extender Processor Value Unit (PVU) | D1L3XLL | 1.897,48 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap 1000 External Pack User Value Unit Monthly License                                                                                                                     | D1G05LL | 1.893,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Pack for SAP Applications Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License                                         | D26SXLL | 1.893,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect Virtual Servers Standard Storage Small Instance Pay per Use                                                                                                | D0201ZX | 1.890,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Knowledge Accelerator for Healthcare Total Revenue per Currency Value Unit Extended Support Subscription License                                                               | X28XELL | 1.887,45 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enable SV for Cloud Per Storage Device Storage Device SW Subscription and Support Renewal 12 Months                                                                            | E0QVWLL | 1.885,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Custom Domain Hub - Advanced Edition for Non-Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months    | D0LPILL | 1.885,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Custom Domain Hub - Standard Edition for Non-Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months        | D0LKGLL | 1.885,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub - Advanced Edition for Non-Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months     | D0LNJLL | 1.885,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub - Standard Edition for Non-Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months         | D0LKWLL | 1.885,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud on IBM Cloud 1 Terabyte SW Subscription and Support Renewal 12 Months                                                                     | E0QV3LL | 1.885,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                | E0I5RLL | 1.879,35 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data DataStage Enterprise Non Production Reserved Virtual Processor Core Extended Support Subscription License                                                   | X09NCZX | 1.874,91 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Stakeholder Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                   | D0GI7LL | 1.873,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Employee User Value Unit from FileNet Content Services Employee User Value Unit Trade Up License + SW Subscription & Support 12 Months                 | D0CRCLL | 1.873,61 | Upgrade com Manutenção    |



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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SE Runtime Concurrent Session SW Subscription & Support Reinstatement 12 Months                                                                                                                       | D52EKLL | 1.873,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for 5250 Applications on Multiplatforms Processor Value Unit (PVU) from Competitive Trade-up, Trade Up License + SW Subscription & Support 12 Months                                             | D03IRLL | 1.873,61 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (101-250) Annual SW S&S Renewal                                                                                                                                      | E0HV9LL | 1.867,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (2001+) SW S&S Reinstatement 12 Months                                                                                                                               | D108LLL | 1.867,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (2001+) SW S&S REINSTATE 12 MO                                                                                                                            | D1087LL | 1.867,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SVC Metro Mirror Software Terabyte (101-250) Annual SW S&S Renewal                                                                                                                                             | E0HV2LL | 1.867,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Enterprise - Nonproduction Edition Processor Value Unit License + SW Subscription & Support 12 Months                                                                                | D29NDLL | 1.866,14 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Quality for Non-Production Environments Processor Value Unit (PVU) from IBM InfoSphere QualityStage Non Prod PVU Trade Up License + SW Subscription & Support 12 Months | D0P3HLL | 1.865,51 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Server and VM Harvesting Virtual Server Annual SW Subscription & Support Renewal                                                                                                             | E0DXCLL | 1.865,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition per Client Device License + SW Subscription & Support 12 Months                                                                                                 | D0CJCLL | 1.865,51 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database per Client Device License + SW Subscription & Support 12 Months                                                                          | D0CJ8LL | 1.865,51 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - SOAR Authorized User Advanced Support 12 Months                                                                                                                                        | E0F26ZX | 1.865,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn -Labor-OnDemand Additional Trading Partner Direct Connection Setup DO NOT USE For Quantity Greater Than 5-Connection Pay Per Use                                           | D0051ZX | 1.865,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn -Labor-Trading Partner Direct Connection Setup-Connection Remotely Delivered Service                                                                                       | D0052ZX | 1.865,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Essentials Edition Entity ID On Demand Set Up                                                                                                                                    | D0H0DZX | 1.865,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Essentials Edition Entity ID Set Up                                                                                                                                              | D0H0CZX | 1.865,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Modernization Non Production Reserved Virtual Processor Core Extended Support Subscription License                                                                                        | X096AZX | 1.862,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for Data Warehouses per Resource Value Unit (MVS) Advanced Support Subscription License                                                                                      | Z29A8LL | 1.862,37 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Software Node Install Annual SW Subscription & Support Renewal 12 Months                                                                                                                       | E0NEGLL | 1.857,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Software Node Install from Legacy Q1 Labs Acquisition Trade Up License + SW Subscription & Support 12 Months                                                                                   | D1S2NLL | 1.857,25 | Upgrade com Manutenção    |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Developer Authorized User Single Install Monthly License                                                             | D1BL7LL | 1.852,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Saas for US Federal Authorized User Overage                                                                          | D1MI5LL | 1.850,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Open Data for Industries Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Extended Support Subscription License                  | X09JPZX | 1.849,83 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Government Add On Authorized User Annual SW Subscription & Support Renewal                                                                | E0AVRLL | 1.849,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Business Service Manager for the Enterprise Tier 1 Resource Value Unit License + SW Subscription & Support 12 Months                          | D0I08LL | 1.849,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise Processor Value Unit (PVU) from IBM Eligible Programs Trade Up License + SW Subscription & Support 12 Months | D1XAILL | 1.844,19 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                | E0P9JLL | 1.842,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Client SDK Authorized User Single Install Annual SW Subscription & Support Renewal                                                          | E2DDQLL | 1.842,75 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas for US Federal Authorized User Overage                                                                    | D1MHRLL | 1.840,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Non-Production Modernization Reserved Virtual Processor Core Extended Support Subscription License                                  | X09M0ZX | 1.837,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Command Center Express Edition for Non-Production Environment Install Monthly License                                                         | D1JMULL | 1.837,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Requirements Management DOORS family Authorized User Monthly License                                                                     | D1BQ0LL | 1.837,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Requirements Management DOORS Next Analyst Authorized User Single Install Monthly License                                                | D1BJCLL | 1.837,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Developer for i RPG/COBOL + Modernization Tools, Java Edition Floating User Single Install Monthly License                                  | D1BK6LL | 1.837,29 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Advanced Virtual Processor Core SW Subscription & Support Reinstatement 12 Months                                                     | D0ERBZX | 1.830,54 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud on AWS 1 Terabyte Annual SW Subscription & Support Renewal 12 Months                                            | E0Q2FLL | 1.828,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Virtualize for Public Cloud on Azure Terabyte Annual SW S&S Rnwl                                                                            | E08JWZX | 1.828,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Standard Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                | D0IZHLL | 1.828,51 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | Motio CI Upgrade Environment Virtual Processor Core Subscription License                                                                                 | D29MGLL | 1.825,52 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos PowerPlay Client User Authorized User Annual SW Subscription & Support Renewal                                                                | E0629LL | 1.822,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Standard Edition for Non-Prod Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D0IZALL | 1.822,87 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Modeler per Authorized User Overage                                                                                               | D1RJ7LL | 1.821,90 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center Solutions Accelerator Client Edition Authorized User Monthly License                                                                                                                                   | D17ZVLL | 1.818,47 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Configuration Manager Authorized User Monthly License                                                                                                                                                                  | D18RVLL | 1.818,47 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage for Non Production Environments Processor Value Unit (PVU) from InfoSphere DataStage Workgroup Edition Non Production Environments Processor Value Unit Trade Up License + SW Subscription & Support 12 Months | D0ITXLL | 1.817,85 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas per Authorized User Overage                                                                                                                                                              | D1J4ULL | 1.815,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Saas Resource Unit Overage                                                                                                                                                                                          | D0232ZX | 1.815,69 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 With BLU Acceleration Pattern Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                      | D17I4LL | 1.812,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                         | D26G3LL | 1.812,20 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                      | E0QKULL | 1.812,20 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Integration Bus Retail Pack for Store per Store Annual SW Subscription & Support Renewal                                                                                                                                            | E0ICFLL | 1.812,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Anywhere Add-on Authorized User Annual SW Subscription & Support Renewal                                                                                                                                                     | E0K39LL | 1.812,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local Explorer Authorized User Annual SW Subscription & Support Renewal                                                                                                                                          | E0N8WLL | 1.812,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 65-100 SW Subscription & Support Reinstatement 12 Months                                                                                                                                      | D11L6LL | 1.812,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Federation Module Non-Production per Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                  | D1GU5LL | 1.806,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos PowerPlay Client User Authorized User Trade Up from Tier 1 Trade Up License + SW Subscription & Support 12 Months                                                                                                            | D09ZNLL | 1.806,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Access Edition to Storage Scale Data Management Edition per Terabyte Competitive Trade Up License + SW S&S 12 Months                                                                                             | D24QSLL | 1.806,13 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Business Developer Extension for VSE Authorized User Monthly License                                                                                                                                                       | D1BJALL | 1.805,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | MongoDB Enterprise Advanced with IBM Virtual Server Extended Support Subscription Lic                                                                                                                                                   | X26E2LL | 1.805,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Hybrid Entitlement Authorized User per Month                                                                                                                                                                     | D1XEJLL | 1.803,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Plus Client Process Support with Client Supplier Support Entity ID per Month                                                                                                                      | D0MFJLL | 1.803,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Plus Client Services Process Support Entity ID Overage                                                                                                                                            | D0MNXLL | 1.803,25 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months                                                       | D0EC6LL | 1.800,39 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                    | E09IULL | 1.800,39 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Access Edition Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                                 | D20RKLL | 1.800,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Cartridge for IBM Cloud Pak for Data Authorized User SW Subscription & Support Reinstatement 12 Months                                                               | D03IPZX | 1.793,94 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on B2B Integrator Enterprise Edition Non-Prod Environment from Standard Non-Prod Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J42LL | 1.793,94 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Cartridge IBM CPD Additional Capacity Reserved 8 Virtual Processor Core Extended Support Subscription Lic                                                                   | X09NIZX | 1.793,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Worker Safety - Advanced Hundred Registrations Overage                                                                                                                | D1RDZLL | 1.790,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Performance Management Advanced Authorized User Monthly License                                                                                                                       | D1WJALL | 1.787,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Microsoft Office 1000 External Pack User Value Unit SW Subscription & Support Reinstatement 12 Months                                     | D1G7TLL | 1.785,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Permanent Redaction 1000 External Pack User Value Unit SW Subscription & Support Reinstatement 12 Months                                  | D1HILL  | 1.785,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Gold for Non-Production Environment Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months                                          | D10MYLL | 1.785,87 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Gold for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                       | E0I2YLL | 1.785,87 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Master Cartridge for IBM Cloud Pak for Data Virtual Processor Core Extended Support Subscription License 12 Months                                                                   | X05SGZX | 1.780,85 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Ceph Pro Edition Terabyte License + Software Subscription and Support 12 Months                                                                                                      | D0DSJZX | 1.780,23 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault Saas for Business Users per 50 Authorized Users Subscription Advanced Support 12 Months                                                                      | E0E20ZX | 1.779,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Host Access Client Package for Multiplatforms (HACP), Authorized User System z, from Competitive Products, Trade Up License + SW Subscription & Support 12 Months                            | D6154LL | 1.775,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Host Access Client Package for Multiplatforms Authorized User from Competitive Products Trade Up License + SW Subscription & Support 12 Months                                               | D5D27LL | 1.775,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | InfoSphere Optim Data Privacy EE Accelerator for Oracle Applications Processor Value Unit (PVU) Annual SW S&S Rnwl                                                                               | E0B96ZX | 1.775,21 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM Event Automation Virtual Processor Core Subscription License                                                                            | D0DU8ZX | 1.774,58 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Saas Concurrent User                                                                        | D1TC1LL | 1.772,51 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Audit and Investigation per Authorized User Annual SW Subscription & Support Renewal                                              | E0N7KLL | 1.769,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow Feed LIC + SW S&S 12 MO                                                                    | D0BIYZX | 1.769,56 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning TM1 Explorer Workspace Add-On Authorized User License + SW Subscription & Support 12 Months                  | D1R9WLL | 1.769,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Enterprise Edition Add-On Network Scanning Device Resource Value Unit License + SW Subscription & Support 12 Months             | D1JX5LL | 1.769,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Enterprise Edition Add-On Occasional Authorized User Value Unit License + SW Subscription & Support 12 Months                   | D1JX1LL | 1.769,53 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for FileNet Content Manager Authorized User Value Unit Annual SW Subscription & Support Renewal       | E0ATGLL | 1.769,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for IBM Content Manager Authorized User Value Unit Annual SW Subscription & Support Renewal           | E0EM8LL | 1.769,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Testing Environment Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                         | D29LALL | 1.769,53 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR on Cloud (CU) Concurrent User Advanced Support 12 Months                                                                  | E0E9DZX | 1.768,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Integration Designer Authorized User Monthly License                                                                                    | D1D49LL | 1.765,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Virtual Storage Center Storage Capacity Unit (101-250) per Month                                                                        | D1N4XLL | 1.765,93 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (101-250) SW Subscription & Support Reinstatement 12 Months                                 | D1IWULL | 1.763,78 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Authorized User Subscription License                                                                           | D0EQ8ZX | 1.762,04 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Object Storage System Terabyte License + SW Subscription & Support 12 Months                                                      | D1MSALL | 1.757,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer Authorized User Annual SW Subscription & Support Renewal                             | E013BLL | 1.757,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer for zSeries Authorized User Single Install Annual SW Subscription & Support Renewal  | E03H3LL | 1.757,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Modeling for Communications Applications for Ratl Professional Bundle Authorized User Annual SW Subscription & Support Renewal | E07W5LL | 1.757,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment Resource Value Unit Annual SW Subscription & Support Renewal             | E0BX4LL | 1.757,31 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management Modernization Virtual Processor Core Extended Support Subscription License 12 Months                             | X03AKZX | 1.755,77 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Content Manager OnDemand for Non-Production Environment Processor Value Unit (PVU) SUBSCRIPTION LICENSE                                 | D07VRZX | 1.751,58 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Standard Activity Monitor for Files Resource Value Unit Annual SW Subscription & Support Renewal                      | E0LKULL | 1.751,58 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Software Store Edition Medium for Red Hat OpenShift Resource Value Unit Monthly License                       | D26RQLL | 1.751,58 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Case Management Professional Authorized User License + SW Subscription & Support 12 Months                                                                                                                                           | D1NF4LL | 1.748,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Signature Validation for Non-Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                                                         | E0M4ZLL | 1.745,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                                                     | D1L3HLL | 1.745,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Web Application Pattern Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                                                         | DOJI1LL | 1.745,12 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud Concurrent User per Month                                                                                                                                                                                                                   | D1FQ3LL | 1.741,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Premium Edition-Base-Labor-Trading Partner Setup-Entity ID Remotely Delivered Service                                                                                                                                      | D00PHZX | 1.741,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Standard Edition-Base-Labor-Trading Partner Setup-Entity ID Remotely Delivered Service                                                                                                                                     | D00PMZX | 1.741,07 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Standard Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                                                 | DOEPRL  | 1.739,37 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Express Performance Management User Authorized User Annual SW Subscription & Support Renewal                                                                                                                                                      | E0INALL | 1.737,59 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Print Fonts Printer License + SW Subscription & Support 12 Months                                                                                                                                                                                | D04GBLL | 1.737,59 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog for Non-Production Environments Processor Value Unit from IBM InfoSphere Business Glossary Anywhere Non Prod PVU Trade Up License + SW Subscription & Support 12 Months                                        | D0P29LL | 1.737,59 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Custom Domain Hub - Advanced Edition for Non-Financial Services Resource Value Unit from InfoSphere MDM Custom Hub - Standard Ed for Non-Financial Services RVU Trade Up License + SW Subscription & Support 12 Months | D0LPJLL | 1.737,59 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub - Advanced Edition for Non-Financial Services Resource Value Unit from InfoSphere MDM Organization Hub - Standard Edition Non-Fin Svcs per RVU Trade Up License + SW Subscription & Support 12 Months | D0LNKLL | 1.737,59 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Method Composer Floating User Single Install Monthly License                                                                                                                                                          | D1BGCLL | 1.736,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Edition for Non Production Environments Processor Value Unit License + Software Subscription & Support 12 Months                                                                                                               | D1B0SLL | 1.733,39 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos PowerPlay Web User Limited Use Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                                                                                | E06UJLL | 1.732,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                                                                      | D07B3LL | 1.732,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Outcome Management Professional Authorized User License + SW Subscription & Support 12 Months                                                                                                                                                      | DOQR0LL | 1.732,57 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 Warehouse for IBM Cloud Pak for Data Non-Production Virtual Processor Core Annual SW Subscription & Support Renewal                                                                       | E08MSZX | 1.732,57 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Authorized User Annual SW Subscription & Support Renewal                                    | E07M4LL | 1.732,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Standard Connection License + SW Subscription & Support 12 Months                                                                   | D0J10LL | 1.732,57 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Non-Production Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Extended Support Subscription License                | X09LUZX | 1.730,69 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition for Non-Production Environment per Entity ID License + Software Subscription and Support 12 Months | D26T1LL | 1.730,51 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Floating User Single Install Monthly License                                                            | D272ZLL | 1.730,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for Big Data Resource Value Unit Monthly License                                                                        | D1NCOLL | 1.730,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Suite Terabyte (1-100) Monthly License                                                                                                    | D1IM1LL | 1.730,03 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix OnLine Extended Edition Concurrent Session Annual SW Subscription & Support Renewal                                                              | E00J6LL | 1.726,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SLA Manager Concurrent User Annual SW Subscription & Support Renewal                                                                                      | E04QWLL | 1.726,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Business Service Manager for the Enterprise Tier 3 Resource Value Unit Annual SW Subscription & Support Renewal                                    | E0BGHLL | 1.726,92 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Care Manager Community Service Referral - Government 100 Persons Overage                                                                           | D1XE2LL | 1.724,42 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Express Edition CPU Option Virtual Processor Core Monthly License                                                                                | D22A0LL | 1.722,86 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault On-Premises Non-Production for Business Users per User Value Unit Annual SW Subscription & Support Renewal 12 Months      | E05Y8ZX | 1.722,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault On-Premises Non-Production for Privileged Users per User Value Unit Annual SW Subscription & Support Renewal 12 Months    | E05Y0ZX | 1.722,86 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog PayGo Enterprise Edition Authorized User Pay per Use                                                                             | D0441ZX | 1.722,53 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                                      | E02AULL | 1.720,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Workgroup Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                       | D0IPJLL | 1.720,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure Proxy Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                            | D0IZCLL | 1.720,71 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Advanced Terabyte Transmitted Advanced Support per Annum                                                                                  | E0EGEXX | 1.719,84 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Flow Management with IBM Virtual Processor Core Subscription License                                                                                 | D26FNLL | 1.718,14 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody TestConductor Add On Authorized User Monthly License                                                                  | D1BR8LL | 1.711,87 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Optim High Performance Unload Virtual Processor Core Monthly License                                                                                                                                         | D07YBZX | 1.711,87 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Enterprise Ed Non Prod Virtual Server Trade Up from IBM Security Verify Privilege Server Suite On-Premises Standard Edition Non Production Virtual Server | D08PZZX | 1.711,87 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Consulting Services per Box Consulting Hours Set Up                                                                                                                                                          | D1UZYLL | 1.709,98 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - SOAR Breach Response Add-on Authorized User Overage                                                                                                                                  | D0DSEZX | 1.709,98 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (251-500) Annual SW Subscription & Support Renewal 12 Months                                                                                              | E0MQFLL | 1.705,60 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Monitor Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                                                         | E029TLL | 1.705,60 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data DataStage Enterprise Plus Non-Production Reserved Virtual Processor Core Advanced Support Subscription License                                                                            | Z09NUZX | 1.705,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Host Access Client Package for iSeries Authorized User License + SW Subscription & Support 12 Months                                                                                                         | D50HWLL | 1.705,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage for Non-Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                            | D03TYLL | 1.705,60 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Saas for US Federal Concurrent User per Month                                                                                                                    | D1TD6LL | 1.701,32 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Advanced Edition Terabyte Transmitted Terabyte Transmitted Advanced Support per Annum                                                                                                        | E0EGIZX | 1.701,24 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Advanced Edition Premium Support 10 Eligible Participants per Annum                                                                                                      | D171NLL | 1.701,24 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Advanced Edition Premium Support 100 Eligible Participants per Annum                                                                                                     | D171JLL | 1.701,24 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Standard Edition Premium Support 10 Eligible Participants per Annum                                                                                                      | D170TLL | 1.701,24 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Malware Detection Standard Edition Premium Support 100 Eligible Participant per Annum                                                                                                      | D171DLL | 1.701,24 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Business Premium Support 10 Eligible Participants per Annum                                                                                                                             | D1711LL | 1.701,24 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Retail Premium Support 100 Eligible Participant per Annum                                                                                                                               | D170XLL | 1.701,24 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Enterprise Server Edition for Non-Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                          | D1TIXLL | 1.700,59 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution for Oracle Applications Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                       | D0Z39LL | 1.700,59 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for 5250 Applications, Concurrent User from Competitive Products Trade Up License + SW Subscription & Support 12 Months                                                                         | D04LMLL | 1.700,59 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Professional Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                             | D0EQ0LL | 1.696,31 | Manutenção após Vigência  |



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| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Forms Processing Document Query Module Concurrent User Annual SW Subscription & Support Renewal                                                      | E03SZLL | 1.694,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Backup Terabyte SW S&S Reinstate 12 Mo                                                                                                             | D0DSSZX | 1.694,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Voice Gateway 1000 Thousand Monthly Minutes Annual SW Subscription & Support Renewal 12 Months                                                                   | E0NJ2LL | 1.694,95 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Container Virtual Processor Core Extended Support Subscription Lic                                                              | X28KHLL | 1.693,06 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for z/OS Developer Edition per Concurrent User License + SW Subscription & Support 12 Months                                       | D1Y84LL | 1.689,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Express Edition User Option Authorized User Single Install License + SW Subscription & Support 12 Months                                                | D5509LL | 1.689,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local TM1 Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                     | D0C12LL | 1.689,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2B Integrator and Sterling File Gateway Enterprise Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D1FPRLL | 1.689,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Network Deployment with Custom Pattern Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                     | D1DXILL | 1.689,93 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Secrets Manager Standard Instance Pay per Use                                                                                                              | D08XAZX | 1.685,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Processor Value Unit (PVU) Annual SW S&S Rnwl                                                                        | E0ATCZX | 1.684,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Monitoring and Support for Java Server Virtual Processor Core License + SW Subscription & Support                                                                | D223RLL | 1.684,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Collaborator Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months           | D0B23LL | 1.684,09 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Collaborator Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months        | E07S7LL | 1.684,09 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition for Non-Production Resource Value Unit License + SW Subscription & Support 12 Months                      | D29PILL | 1.680,76 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Data Manager Simultaneous Session Monthly License                                                                                                   | D02ZFZX | 1.679,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Suite - ProtecTIER Option Terabyte Monthly License                                                                                               | D1INELL | 1.679,79 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Advisor with Watson 100 Events per second Advanced Support per Annum                                                                                      | E0G9YZX | 1.678,92 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Private Cloud Contributor Authorized User per Annum                                                                                               | D157HLL | 1.675,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Studio Premium Modernization Reserved Virtual Processor Core Advanced Support Subscription Lic                                                            | Z09JNZX | 1.674,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Studio Premium Modernization Virtual Processor Core Advanced Support Subscription License                                                                 | Z03BKZX | 1.674,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas for US Federal Authorized User Subscription per Month                                                             | D1MJVLL | 1.672,67 | Saas                      |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Merge Backup Virtual Processor Core Monthly License                                                                                                     | D07XTZX | 1.672,61 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Authorized User SW Subscription & Support Reinstatement 12 Months                                                                   | D1K83LL | 1.671,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for File Systems for Non-Production Environment Processor Value Unit SW Subscription & Support Reinstatement 12 Months                    | D12UZLL | 1.671,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Microsoft SharePoint for Non-Production Environment Processor Value Unit SW Subscription & Support Reinstatement 12 Months            | D12V7LL | 1.671,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Enterprise Server Edition Authorized User Single Install License + SW Subscription & Support 12 Months      | D1CD1LL | 1.671,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Enterprise Server Edition Authorized User Single Install License + SW Subscription & Support 12 Months | D1CEALL | 1.671,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Enterprise Server Edition Authorized User Single Install License + SW Subscription & Support 12 Months                      | D1CBGLL | 1.671,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (751-1250) Annual SW Subscription & Support Renewal                                                                  | E0MP0LL | 1.671,90 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Managed Add-on Storage for Virtual Machines Terabyte per Month                                                              | D01VVZX | 1.661,71 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Authorized User Annual SW Subscription & Support Renewal                                                               | E0DV8LL | 1.659,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Designer Authorized User Annual SW Subscription & Support Renewal (z sellers)                                                   | E0DV9LL | 1.659,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (251-500) Annual SW S&S Renewal                                                                                   | E0HVALL | 1.659,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (251-500) Annual SW S&S Rnwl                                                                           | E0HV3LL | 1.659,69 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager Concurrent User Monthly License                                                                                                    | D1PWKLL | 1.655,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Application Business Insights for IBM Cloud Paks Authorized User Monthly License                                                                      | D278QLL | 1.655,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas per Authorized User Subscription per Month                                                                   | D1J4ZLL | 1.654,01 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Saas Resource Unit per Annum                                                                                                                | D0231ZX | 1.649,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Management Starter Package Instance per Month                                                                                                   | D00T4ZX | 1.647,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (13-32) Annual SW Subscription & Support Renewal                                                                | E0LWDLL | 1.647,49 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Watson Assistant for Voice Interaction 5 Thousand Minutes Pay per Use                                                                                           | D01U2ZX | 1.646,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Player Add On Floating User Single Install Monthly License                                              | D1BQXLL | 1.642,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Add-on Employee User Value Unit Annual SW Subscription & Support Renewal                                               | E0547LL | 1.641,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Employee User Value Unit Annual SW Subscription & Support Renewal                                                                    | E050PLL | 1.641,64 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Add-on per Resource Value Unit Initial Fixed Term License + SW Subscription & Support 12 Months                                        | D101ULL | 1.641,64 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Add-on per Resource Value Unit Subsequent Fixed Term License + SW Subscription & Support 12 Months                                     | E0HSQLL | 1.641,64 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Application Performance Management Advanced per Average Managed Virtual Server Monthly Subscription with Support                                                 | D1HAZLL | 1.641,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Modernization Reserved Virtual Processor Core Advanced Support Subscription License                                                          | Z097BZX | 1.636,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management Cartridge for IBM Cloud Pak for Data Virtual Processor Core Extended Support Subscription License 12 Months                                     | X039MZX | 1.636,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ for HPE Virtualized NonStop Processor Value Unit (PVU) LIC + SW S&S 12 MONTHS                                                                                       | D08NDZX | 1.636,63 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Store Edition Medium Resource Value Unit Monthly License                                                                                     | D184NLL | 1.636,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced Message Security for Retail Store Edition Store Annual SW Subscription & Support Renewal                                                                   | E0FAQLL | 1.630,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Managed File Transfer Agent for Retail Store Edition Store Annual SW Subscription & Support Renewal                                                                 | E0FARLL | 1.630,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D0YQHLL | 1.630,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Japanese Language Extractor Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                       | D0EETLL | 1.630,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Entry Managed Virtual Server Annual SW Subscription & Support Renewal                                                                                  | E0NS8LL | 1.630,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Starter Edition CURRENCY VALUE UNIT Annual SW Subscription & Support Renewal                                                             | E0FA9LL | 1.630,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Starter Edition with Informix Database CURRENCY VALUE UNIT Annual SW Subscription & Support Renewal                                      | E0FASLL | 1.630,99 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure File Transfer-Standard Edition Connection Monthly License                                                                                                       | D22I8LL | 1.629,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                             | D08UVZX | 1.629,54 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management Managed Virtual Network Device from ITNCM Configuration Standard Device Trdup Lic + SW S&S 12 Mo                      | D15KLLL | 1.625,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management Managed Virtual Network Device from ITNCM Smart Model Complex Device Resource Trdup Lic + SW S&S 12 Mo                | D15KMLL | 1.625,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management Managed Virtual Network Device from ITNCM Smart Model Device Resource Trdup Lic + SW S&S 12 Mo                        | D15KKLL | 1.625,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management Managed Virtual Network Device from ITNM Network Device Tier Resource Trdup Lic + SW S&S 12 Mo                        | D15KJLL | 1.625,97 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management Managed Virtual Network Device from NNM Combined Device Trdup Lic + SW S&S 12 Mo                                             | D15J3LL | 1.625,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management Managed Virtual Network Device from NNM Configuration Standard Device Trdup Lic + SW S&S 12 Mo                               | D15J5LL | 1.625,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management Managed Virtual Network Device from NNM Entry Device Trdup Lic + SW S&S 12 Mo                                                | D15J2LL | 1.625,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management Managed Virtual Network Device from NNM Network Device Trdup Lic + SW S&S 12 Mo                                              | D15J4LL | 1.625,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management Managed Virtual Network Device from NNM Smart Model Complex Device Resource Trdup Lic + SW S&S 12 Mo                         | D15KILL | 1.625,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management Managed Virtual Network Device from NNM Smart Model Device Resource Trdup Lic + SW S&S 12 Mo                                 | D15J6LL | 1.625,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Employee User Value Unit Annual SW Subscription & Support Renewal                                                                                  | E0ATILL | 1.625,97 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps Resource Unit License + SW Subscription and Support 12 Months                                                                                      | D28T7LL | 1.620,32 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Platform Resource Scheduler for System x Managed Server Annual SW Subscription & Support Renewal                                                                              | E0J7YLL | 1.620,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for Multiplatforms, Authorized User for System z, from Competitive Products Trade Up License + SW Subscription & Support 12 Months                               | D04M0LL | 1.620,32 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for Multiplatforms, Authorized User from Competitive Products, Trade Up License + SW Subscription & Support 12 Months                                            | D04LWLL | 1.620,32 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Simultaneous Session Annual SW Subscription & Support Renewal 12 Months                                                                       | E0BXXLL | 1.620,32 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Knowledge Accelerator for Energy and Utilities per Currency Value Unit Advanced Support Subscription License                                                                  | Z28XFLL | 1.617,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite - Front End Terabyte (501-750) Monthly License                                                                                                              | D1IPJLL | 1.615,19 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite - Front End Terabyte (501-750) Monthly License                                                                                                              | D1IUULL | 1.615,19 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ for HPE NonStop Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                   | D571FLL | 1.610,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Enhanced Retention Management Processor Value Unit (PVU) from Competitor Competitive Trade Up License + SW S&S 12 Months                             | D0IQLLL | 1.609,67 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand for i Enhanced Retention Management Processor Value Unit License + SW Subscription & Support 12 Months                                               | D0CKFLL | 1.609,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Enterprise Edition Processor Value Unit (PVU) from Infx Enterprise and Infx Storage Optimization CPU Trade Up License + SW Subscription & Support 12 Months | D0ZDRLL | 1.609,67 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Advanced Edition Resource Value Unit Annual SW Subscription & Support Renewal                                                                               | E0DX9LL | 1.609,67 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Call Center Add-on for Red Hat OpenShift User Value Unit Annual SW Subscription & Support Renewal                                                                                     | EOQP4LL | 1.609,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security QRadar Software Appliance OS Entitlement Install Annual SW Subscription & Support Renewal                                                                                                                       | EOK0KLL | 1.607,60 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Storage Optimization Feature for Enterprise Edition Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                                            | D0924LL | 1.604,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Automated Network Observability Managed device SW S&S Reinstatement 12 Mo                                                                                                                                         | D0GGRZX | 1.604,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Enterprise Resource Planning 10 Processor Value Units (PVUs) License + SW Subscription & Support 12 Months                                                                                           | D1IV9LL | 1.604,65 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server for Developers Authorized User Annual SW Subscription & Support Renewal                                                                                                                     | E00HHLL | 1.604,65 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Network Deployment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                 | D55WJLL | 1.604,65 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect DNS for China Request Overage                                                                                                                                                                                | D0GN9ZX | 1.604,27 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Per Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                        | D1R9LLL | 1.598,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Gold Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                                                             | E0I35LL | 1.598,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM System Storage SAN Volume Controller Entry Edition Metro/Global Mirror Disk Drive SW Subscription & Support Reinstatement 12 Months                                                                                      | D057SLL | 1.598,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Server for Non-Production Environment Processor Value Unit (PVU) from Modeler Server Gold for Non-Production Environment PVU Trade-up License + SW Subscriptoin & Support 12 Months | D10XFLL | 1.592,93 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Enterprise Edition Non-Prod from Standard Non-Prod Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months                         | D0J4ELL | 1.592,93 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Programming Patterns Eclipse Client Floating User Single Install Monthly License                                                                                                                                         | D1BUHLL | 1.592,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Programming Patterns Web Client Floating User Single Install Monthly License                                                                                                                                    | D1TTTLL | 1.592,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Amos Concurrent User Monthly License                                                                                                                                                                                | D17SULL | 1.592,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Amos for zEnterprise BladeCenter Extension Concurrent User Monthly License                                                                                                                                          | D17X1LL | 1.592,73 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Supply Chain EDI Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License                                                                              | D28KPLL | 1.592,73 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Enterprise User Authorized User Subscription per Month                                                                                                          | D1UMHLL | 1.591,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud for US Federal Enterprise User Authorized Users Subscription per Month                                                                                          | D1UMXLL | 1.591,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Enterprise User Authorized User Per Month                                                                                                                       | D1C3WLL | 1.591,83 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog PayGo Professional Edition Authorized User Pay per Use                                                                                                                          | D0442ZX | 1.590,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog PayGo Standard Edition Instance Pay per Use                                                                                                                                     | D00UAZX | 1.590,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Studio Premium for Bluemix 10 Gigabyte-Months Pay per Use                                                                                                                               | D00E8ZX | 1.590,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM StoredIQ Data Assessment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                        | D1X5KLL | 1.588,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Gold for Non-Production Environment Processor Value Unit (PVU) from Modeler Server Premium for Non-Production Environment PVU Trade-up License + SW Subscriptoin & Support 12 Months | D10NMLL | 1.586,46 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - Managed Detection and Response Client Device Subscription Per Month                                                                                                              | D0BT3ZX | 1.585,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Dedicated Direct Link 1 Gbps Capacity Instance per Month                                                                                                                                           | D1D5HLL | 1.585,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Anaconda Repository for IBM Cloud Pak for Data Authorized User Monthly License                                                                                                                               | D28AWLL | 1.579,29 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege On-Premises 1000 FlexPoint License from Prior Programs Trade up Lic + Subscr and Support 12 Months                                                                             | D291VLL | 1.579,29 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Modernization Reserved Virtual Processor Core Extended Support Subscription License                                                                                              | X09J4ZX | 1.567,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Care Manager Community Service Referral - Government 100 Persons per Month                                                                                                                        | D1XE1LL | 1.567,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Studio Premium Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Advanced Support Subscription Lic                                                                             | Z09JTXZ | 1.567,65 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM watsonx.data Virtual Processor Core Subscription License                                                                                                                                                 | D0F3HZX | 1.567,65 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition from Sterling Partner Engagement Manager Essentials Edition Entity ID Tradeup License + SW Subscription & Support 12 Months                         | D28ZRLL | 1.567,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition from Sterling Partner Engagement Manager Essentials Edition Resource Value Unit Tradeup License + SW Subscription & Support 12 Months               | D29PNLL | 1.567,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local TM1 Server per Processor Value Unit from Planning Analytics Express Connector for TM1 per Install Trade Up License + SW Subscription & Support 12 Months                        | D1RLTLL | 1.562,01 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Standard Edition Connection SW Subscription & Support Reinstatement 12 Months                                                                                          | D0IZULL | 1.562,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Standard Edition Processor Value Unit (PVU) from Basic Trade Up License + SW Subscription & Support 12 Months                                                                    | D12TNLL | 1.562,01 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Express Connector for TM1 for Non-Production Environment per Install Monthly License                                                                                                  | D17MTLL | 1.561,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Suite Terabyte (101-250) Monthly License                                                                                                                                                 | D1IM2LL | 1.561,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Virtual Storage Center Storage Capacity Unit (251-500) per Month                                                                                                                                         | D1N4YLL | 1.561,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Asset Management Express Use Authorized User Annual SW Subscription & Support Renewal                                                                                                             | E0ED7LL | 1.556,32 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                 | E0BWQLL | 1.556,32 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli SmartCloud Application Performance Management Standard Managed Virtual Server Monthly License                                                                                   | D18Y8LL | 1.555,11 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Field Services per Concurrent User Monthly License                                                                                                                             | D20E6LL | 1.555,11 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Controller User on Cloud per Authorized User Monthly Overage                                                                                                                    | D1CAALL | 1.554,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - SOAR Breach Response Add-on Authorized User Subscription Per Month                                                                                             | D0DSDZX | 1.554,53 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Case Management Eligibility and Entitlement Add-On Professional per Authorized User License + SW Subscription & Support 12 Months                                                | D1R2SLL | 1.551,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Case Management Professional per Authorized User License + SW Subscription & Support 12 Months                                                                                   | D1R1JLL | 1.551,35 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for SAP HANA per Resource Value Unit (MAPC) Monthly License                                                                                          | D25YBLL | 1.548,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Connect-Direct Standard Edition Simultaneous Session Monthly License                                                                                                          | D1K1MLL | 1.548,84 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for SAP Applications Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License                                            | D28KKLL | 1.548,84 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Support-Premium Edition Trading Partner Support Overage-Active Entity ID Pay Per Use                                                               | D00R0ZX | 1.548,31 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Enterprise Edition CPU Option Processor Value Unit (PVU) from Informix Extended Parallel Server (XPS) CPU PVU Trade Up License + SW Subscription & Support 12 Months | D0IJJLL | 1.545,71 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for Multiplatform Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                      | D53H5LL | 1.545,71 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Log Manager Disaster Recovery Software Install Monthly License                                                                                                                  | D1RSTLL | 1.544,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor Secure Proxy for Red Hat OpenShift Virtual Processor Core Monthly License                                                                              | D27P9LL | 1.542,57 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Controller Express User per Authorized User Annual SW Subscription & Support Renewal                                                                                            | E0JMRLL | 1.540,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Express for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                         | D0Z2JLL | 1.540,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Developer for i RPG & COBOL Tools Authorized User Annual SW Subscription & Support Renewal                                                                                    | E08DBLL | 1.540,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Professional for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                           | D0ENZLL | 1.540,69 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data Non-Prod Reserved Virtual Processor Core Advanced Support Subscription License                                          | Z2A0NLL | 1.536,30 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Plus Cartridge for IBM Cloud Pak for Data NP Reserved Virtual Processor Core Advanced Support Subscription License                                                                         | Z096SZX | 1.536,30 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor Non-Production for Redhat Openshift Certified Container Virtual Processor Core Trade Up License                                                                                          | D09YWZX | 1.530,03 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Mgmt Software Store Edition Large Certified Container Resource Value Unit SL UPGRADE                                                                                                             | D0C0MZX | 1.530,03 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Availability - Db2 Database Non-Production Virtual Processor Core Subscription License                                                                                                     | D04QVZX | 1.529,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM B2B Gateway Pack for Non Production Environments Processor Value Unit (PVU) Trade Up                                                                                                                            | D07YUZX | 1.525,46 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Authorized User Value Unit SW Subscription & Support Renewal                                                                                                                                    | E066BLL | 1.524,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap High Speed Scanning Add on Authorized User Value Unit License + SW Subscription & Support 12 Months                                                                                                     | D061EZX | 1.524,39 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                                                                     | E0501LL | 1.524,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Integration for Non-Production Environments Processor Value Unit (PVU) from IBM InfoSphere DataStage Non Prod PVU Trade Up License + SW Subscription & Support 12 Months | D0P38LL | 1.524,39 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Identity and Access Manager Unlimited User Option Processor Value Unit (PVU) Monthly License                                                                                                           | D18J6LL | 1.523,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Express Connector for Cognos Analytics for Non-Production Environment per Install Monthly License                                                                                            | D17MSLL | 1.521,86 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Standard Ed Non Prod Virtual Server SW S&S REINSTATE 12 MO                                                                                                   | D08QSZX | 1.521,86 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Db2 Warehouse on Cloud VPN Connectivity for 3rd party provider Instance Pay per Use                                                                                                                                 | D08APZX | 1.519,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Db2 Warehouse on Cloud VPN Connectivity Instance Pay per Use                                                                                                                                                        | D08ANZX | 1.519,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Private Connectivity for AWS Paygo Instance Pay per Use                                                                                                                                  | D0EVXZX | 1.519,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management Managed Virtual Network Device License + SW Subscription & Support 12 Months                                                                                   | D1421LL | 1.519,37 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Standard Edition for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                | D0IZKLL | 1.519,37 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication Non-RDBMS Targets for Non-Prod Environments Install Advanced Support Subscription License                                                                                           | Z04R1ZX | 1.517,49 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Test Workbench Mobile Test Edition Authorized User Single Install Monthly License                                                                                                                      | D1BMNLL | 1.514,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Connector for Offline Forms Concurrent User Monthly License                                                                                                                                             | D18XKLL | 1.514,68 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Dev Ops 1000 FlexPoint from Prior Programs Trade Up License + SW Subscription & Support 12 Months                                                                                                         | D1WRKLL | 1.513,24 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Integration 1000 FlexPoint From Prior Programs Trade Up License + SW Subscription & Support 12 Months                                                                                                     | D1VYSLL | 1.513,24 | Upgrade com Manutenção    |



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| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months     | D077DLL | 1.513,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring Agent Builder/OS Agentless Monitoring Resource Value Unit License + SW Subscription & Support 12 Months              | D0IATLL | 1.513,24 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS Transaction Gateway Desktop Edition Authorized User License + SW Subscription & Support 12 Months                                 | D0G84LL | 1.507,51 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Tester Floating User Monthly License                                                                              | D1BGILL | 1.507,51 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Account Lifecycle Manager On-Premises for Users Authorized User Annual SW S&S Rnwl                           | E06T1ZX | 1.507,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 101-250 SW Subscription & Support Reinstatement 12 Months                                        | D1IL8LL | 1.507,51 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloudera Flow Management with IBM Virtual Processor Core Monthly License                                                                   | D272HLL | 1.504,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Plus Client Services Process Support Entity ID per Month                                             | D0METLL | 1.504,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                               | D0BQELL | 1.501,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for 5250 Applications on Multiplatforms Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months     | D03IQLL | 1.501,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager for Microsoft Applications Entry per Server License and Software Subscription & Support 12 Months | D03MFLL | 1.501,05 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Extended Deployment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                 | D56LRLL | 1.501,05 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Eng Requirements Management DOORS Next Saas for US Federal Authorized User Overage                                                     | D1MJHLL | 1.494,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Saas for US Federal Authorized User Overage                                    | D1MJZLL | 1.494,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Saas for US Federal Authorized User Overage                                          | D1MK2LL | 1.494,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Saas for US Federal for US Federal Authorized User Overage                                                 | D1MIBLL | 1.494,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Protect High Speed Data Transfer per Install Monthly License                                                                  | D1LBKLL | 1.493,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Professional on Cloud - Saas Virtual Processor Core Advanced Support per Month                                             | E0DXDZX | 1.492,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Aviation Add-On Saas Flex Limited Use Concurrent User Overage                                                               | D1V1QLL | 1.492,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Saas for US Federal Authorized User Subscription per Month                                             | D1MI4LL | 1.487,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Performance Management Managed Device SW S&S REINSTATE 12 MO                                                            | D08PTZX | 1.487,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Edition Processor Value Unit Software Subscription & Support Reinstatement 12 Months                         | D1B11LL | 1.482,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Microsoft Office 1000 External Pack User Value Unit SW Subscription & Support Reinstatement 12 Months | D1HGILL | 1.481,75 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Permanent Redaction 1000 External Pack User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                 | D1HHXLL | 1.481,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Application Server Advanced Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                              | D0BDPLL | 1.481,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage for Non Production Environments Processor Value Unit (PVU) from InfoSphere QualityStage Workgroup Edition Non Production Environments Processor Value Unit Trade Up License + SW Subscription & Support 12 Months | D0IUBLL | 1.481,75 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Product Master Limited Use per Resource Value Unit Annual SW Subscription & Support Renewal                                                                                                                                               | E0JZCLL | 1.481,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                                                  | E0BVULL | 1.481,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | InfoSp Optim Archive Enterprise Ed Accelerator or Oracle Applications Processor Value Unit (PVU) Annual SW S&S Rnwl                                                                                                                           | E0AT4ZX | 1.481,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | InfoSphere Optim Management Test Data Enterprise Edition Processor Value Unit (PVU) Annual SW S&S Rnwl                                                                                                                                        | E0BAZZX | 1.481,75 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Business 10 Client Devices Overage                                                                                                                                                               | D1WGGLL | 1.479,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Retail 100 Client Devices Overage                                                                                                                                                                | D1WGCLL | 1.479,91 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Full Text Search Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                                          | D0S89LL | 1.476,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Stakeholder Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                      | E0F7KLL | 1.476,64 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TXSeries Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                                                     | D55VDLL | 1.476,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network Insights Appliance 1901-C Hard Drive Retention Upgrade Appliance Install License + SW Subscription & Support 12 Months                                                                                                     | E0PHTLL | 1.474,86 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas for US Federal Authorized User Subscription per Month                                                                                                                                          | D1MHQLL | 1.473,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite Entry - Front End Terabyte (1-100) Monthly License                                                                                                                                                                      | D1IPDLL | 1.473,59 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Stakeholder Authorized User Single Install Initial Fixed Term License + SW Subscription & Support 12 Months                                                                                               | D0GHYLL | 1.470,90 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Stakeholder Authorized User Single Install Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                                            | E0AMHLL | 1.470,90 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Workgroup Edition for Non Productions Environments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                          | D0IPMLL | 1.470,90 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Quality and Governance Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0DL5LL | 1.464,43 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | Content Integrator Connection Connection Extended Support Subscription License                                                                  | X07V7ZX | 1.461,05 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Extended Support Subscription License          | X09J8ZX | 1.461,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Identity Insight Non-Production Environment Resource Value Unit Monthly License                                                  | D19BDLL | 1.461,05 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Enterprise Edition Virtual Server Annual SW S&S RnwI                                     | E08QCZX | 1.461,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak System Software Suite Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                | D1PEILL | 1.460,12 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Eng Requirements Management DOORS Next Saas per Authorized User C                                                                           | D1J52LL | 1.459,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization - Publishing Document Builder Saas Authorized User Overage                                               | D01NLZX | 1.459,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Saas per Authorized User Overage                                                                                | D1J4YLL | 1.459,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Saas per Authorized User Overage                                                                            | D1J4WLL | 1.459,29 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning TM1 Explorer Authorized User Annual SW Subscription & Support Renewal                                            | E08BBLL | 1.455,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos PowerPlay Studio Add-on Authorized User Annual SW Subscription & Support Renewal                                                     | E0626LL | 1.455,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos PowerPlay Web User Authorized User Annual SW Subscription & Support Renewal                                                          | E06UILL | 1.455,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Cursive Recognition for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal              | E0M4WLL | 1.455,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Network Scanning Device Resource Value Unit Annual SW Subscription & Support Renewal                                                | E0K28LL | 1.455,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Occasional Authorized User Value Unit Annual SW Subscription & Support Renewal                                                      | E0K20LL | 1.455,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Telco Network Cloud Manager - Performance Managed Device SW Subscription & Support Reinstatement 12 Months                                  | D28MCLL | 1.455,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender for Non Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                         | D1L3PLL | 1.455,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Financial Payments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                | D1L5CLL | 1.455,41 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Healthcare Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                        | D1L4BLL | 1.455,41 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - SOAR for Non-Production Environment Authorized User Advanced Support 12 Months                                      | E0F28ZX | 1.455,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Internet Services Standard Item Pay per Use                                                                                           | D00KNZX | 1.454,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Key Lifecycle Manager Basic Edition for zEnterprise BladeCenter Extension Install Monthly License                         | D17KJLL | 1.450,07 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Key Lifecycle Manager Basic Edition Install Monthly License                                                                                                                | D17KILL | 1.450,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas per Authorized User Subscription per Month                                                                                                        | D1J4TLL | 1.448,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Connect-Direct Premium Edition for Red Hat OpenShift Virtual Processor Core Monthly License                                                                                         | D26Q3LL | 1.448,51 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Viewer Processor Value Unit (PVU) LIC + SW S&S 12 MO                                                                                                                | D0D2LZX | 1.444,75 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data - Enterprise Edition Transition Non Production Virtual Processor Core Subscription License Upgrade                                                                        | D068NZX | 1.442,24 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Enterprise Edition Non-Production Virtual Processor Core Subscription License Upgrade                                                                                     | D29G6LL | 1.442,24 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Medium for Red Hat OpenShift per Resource Value Unit Subscription License                                                                   | D28LULL | 1.442,24 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Authorized User Value Unit from IBM FileNet Report Manager Authorized UVU Trade Up License + SW Subscription & Support 12 Months                                    | D0CRDLL | 1.439,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Employee User Value Unit from Competitor Competitive Trade Up License + SW S&S 12 Months                                                                            | D0IQJLL | 1.439,11 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Configure, Price, Quote Enterprise Partner Sales Authorized User Annual SW Subscription & Support Renewal                                                                           | E0BU3LL | 1.439,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Capital Projects Hub Saas Concurrent User Overage                                                                                                                                    | D0432ZX | 1.436,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR MSSP on Cloud Add-On (AU) Authorized User Overage                                                                                                                              | D22V3LL | 1.435,97 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Security Verify Privilege On-Premises 1000 FlexPoint Annual SW Subscription & Support Renewal                                                                                       | E0R5VLL | 1.435,72 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Performance Tester for z/OS VU Value Unit Monthly License                                                                                                                                        | D1BGWLL | 1.435,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network Insights Appliance 1910-C Hard Drive Retention Upgrade Appliance Install License + SW Subscription & Support 12 Months                                                        | E0PHWLL | 1.435,17 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network PCAP Appliance 40G-C Hard Drive Retention Service Upgrade Appliance Install Subsequent License + SW Subscription & Support 12 Months                                          | E0QS0LL | 1.435,17 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Entry-level Employee User Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                                              | E0EHLL  | 1.434,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Interfaces Add On Authorized User Annual SW Subscription & Support Renewal                                                                               | E073ZLL | 1.434,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Add-On Authorized User Value Unit from IBM Enterprise Records Foundation Add-On Authorized Starter Pack Trade Up License + SW Subscription & Support 12 Months | D1AE9LL | 1.434,09 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Desktop Harvesting Client Device SW Subscription & Support Reinstatement 12 Months                                                                                         | D0Q0JLL | 1.434,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on B2B Integrator Enterprise Edition for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                   | D0J0ALL | 1.434,09 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on Sterling B2B Integrator Standard Edition Connection License + SW Subscription & Support 12 Months                             | D0J0BLL | 1.434,09 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Worker Safety - Advanced Hundred Registrations per Month                                                                            | D1RDYLL | 1.430,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Governance Lifecycle Processor Value Unit (PVU) Monthly                                                                                    | D29GCLL | 1.428,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM UrbanCode Velocity for Authorized User Single Install Monthly License                                                                                      | D28BQLL | 1.428,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual 1000 External Pack User Value Unit Annual SW Subscription & Support Renewal 12 Months                                                | E0LPXLL | 1.427,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Premium Edition for Non-Production Environment Processor Value Unit Trade Up License                                                  | D083DZX | 1.427,83 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Database Services per Resource Value Unit (MAPC) SW Subscription & Support Renewal 12 Months                         | E0QTHLL | 1.427,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify On-Premises 1000 Flexpoint Licence from prior programs Trade Up License + SW Subscription & Support 12 Months                              | D25RZLL | 1.427,83 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Usable Terabyte Storage Resource Value Unit License + SW Subscription & Support 12 Months                      | D20J7LL | 1.422,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Workgroup Server Edition Authorized User Single Install License + SW Subscription & Support 12 Months      | D1CDKLL | 1.422,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Workgroup Server Edition Authorized User Single Install License + SW Subscription & Support 12 Months | D1CEELL | 1.422,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Workgroup Server Edition Authorized User Single Install License + SW Subscription & Support 12 Months                      | D1CC6LL | 1.422,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM HACP for Multiplatforms Authorized User SW Subscription & Support Reinstatement 12 Months                                                                  | D5BGFLL | 1.422,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Host Access Client Package for Multiplatforms (HACP), Authorized User System z, SW Subscription & Support Reinstatement 12 Months                          | D6153LL | 1.422,08 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Business Premium Support 10 Client Devices per Annum                                                              | D1WGHLL | 1.421,40 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Retail Premium Support 100 Client Devices per Annum                                                               | D1WGDLL | 1.421,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere DataStage and QualityStage Designer Concurrent User Monthly License                                                                             | D1D07LL | 1.421,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Business Developer Authorized User Monthly License                                                                                                | D1BI2LL | 1.421,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Governance Compliance Processor Value Unit (PVU) Monthly License                                                                           | D1I1ZLL | 1.421,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Knowledge Accelerator for Healthcare Total Revenue per Currency Value Unit Advanced Support Subscription License                                           | Z28XELL | 1.417,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Saas Concurrent User                                                                                           | D1TCOLL | 1.416,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ILOG CPLEX Optimization Studio Subscription for Development Authorized User per Month                                                                      | D00ECZX | 1.416,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 CEO Authorized User Annual SW Subscription & Support Renewal                                                                                           | E0DJXLL | 1.415,61 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                      | D0L34LL | 1.415,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Testing Environment Authorized User SW Subscription & Support Reinstatement 12 Months                                                                | D29L6LL | 1.415,61 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Services Resource Adapter View Edition Server Monthly License                                                                               | D1D90LL | 1.414,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure File Transfer-Essentials Edition Connection Monthly License                                                                                        | D22I5LL | 1.414,18 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector Feed LIC + SW S&S 12 MO                                                                                                | D0BINZX | 1.412,77 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas- AddOn Premium Ed TP Community Support Active Entity ID Advanced Support per Month                                          | E0E1KZX | 1.411,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data DataStage Enterprise Non Production Reserved Virtual Processor Core Advanced Support Subscription License                              | Z09NCZX | 1.410,89 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Professional for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months               | D0EQBLL | 1.409,88 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Authorized User Value Unit License + SW Subscription & Support 12 Months                                                            | D14I5LL | 1.407,12 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard for Non-Prod Container Edition Resource Value Unit SW S&S Reinstat 12 Mo                                     | D0855ZX | 1.403,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Protect for Workstations 25 Client Devices Annual SW Subscription & Support Renewal                                                              | E0LVXLL | 1.402,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite - Archive Option Terabyte Annual SW Subscription & Support Renewal                                                                  | E0LULLL | 1.402,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Suite - IBM Cloud Object Storage Option Managed Terabyte Annual SW Subscription & Support Renewal                                         | E0NWCLL | 1.402,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Modeler per Authorized User per Month                                                                                                  | D1RJ6LL | 1.399,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Building Insights Non Production with IoT Platform - 10,000 SQ FT Item Advanced Support 12 Months                                                 | E0E53ZX | 1.399,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Building Insights Non Production with IoT Platform - 950 SQM Item Advanced Support 12 Months                                                      | E0E54ZX | 1.399,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Worker Safety - Essentials Hundred Registrations Overage                                                                           | D1RDXML | 1.399,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Enterprise Modernization Non Production Reserved Virtual Processor Core Advanced Support Subscription License                                   | Z096AZX | 1.398,34 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium for Non-Production Environment Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months    | D0ED3LL | 1.396,47 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months | E09JRLl | 1.396,47 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud Authorized User per Month                                                                                                                    | D1FQ0LL | 1.392,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Open Data for Industries Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Advanced Support Subscription License                       | Z09JPZX | 1.392,07 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Remote Capture Authorized User Value Unit License + SW Subscription & Support 12 Months                                                           | D04EVLL | 1.391,21 | Permanente com Manutenção |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Spatial Asset Management Authorized User License + SW Subscription & Support 12 Months                                                      | D0H1BLL | 1.391,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                               | E0BX1LL | 1.391,21 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ELO - Publishing Document Builder for US Federal Saas Authorized User Overage                                                                      | D01NQZX | 1.386,64 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Integration Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                             | E0DLHLL | 1.385,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Insights for IBM Cloud Pak for Security per Resource Value Unit (VPC) Annual SW Subscription & Support Renewal 12 Months         | E0R4FLL | 1.385,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Maximo Asset Management Internal Service Providers Authorized User Annual SW Subscription & Support Renewal                                 | E05B5LL | 1.385,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak System Software Suite Tradeup from IBM PureApplication Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D1PEJLL | 1.384,50 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex for US Federal Authorized User Overage                                                                                        | D1UKILL | 1.380,42 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Premium Edition-Base-Tier 1 Support Overage-Active Entity ID Pay Per Use                                             | D00PJZX | 1.380,42 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Integration Reserved Virtual Processor Core Extended Support Subscription License                                                    | X26JALL | 1.379,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Integration Special Edition Virtual Processor Core Extended Support SL                                                               | X0807ZX | 1.379,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Integrationper Virtual Processor Core Extended Support Subscription License                                                          | X2689LL | 1.379,53 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Decision Manager Open Edition Virtual Processor Core Subscription License                                                                          | D0BESZX | 1.379,53 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Suite Terabyte (251-500) Monthly License                                                                                           | D1IM3LL | 1.379,53 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera Multi-Client Access License User Value Unit Annual SW Subscription & Support Renewal 12 Months                                              | E0KXRLL | 1.375,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM API Connect Enterprise Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                | D1LLTLL | 1.373,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Dev Ops 1000 FlexPoint Annual SW Subscription & Support Renewal 12 Months                                                                    | E0P6TLL | 1.373,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Integration 1000 FlexPoint Annual SW Subscription & Support Renewal 12 Months                                                                | E0P24LL | 1.373,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Management 1000 FlexPoint Annual SW Subscription & Support Renewal 12 Months                                                                 | E0P6SLL | 1.373,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Insight Edition Add-On Network Scanning Device Resource Value Unit SW Subscription & Support Reinstatement 12 Months                       | D1K01LL | 1.373,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Insight Edition Add-On Occasional Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                             | D1JZXLL | 1.373,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Add-On Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                             | D04GKLL | 1.373,27 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for 5250 Applications, Authorized User SW Subscription & Support Reinstatement 12 Months                                                                       | D04LPLL | 1.373,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite Capacity User Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                              | E0NZULL | 1.373,27 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Non-Production Modernization Reserved Virtual Processor Core Advanced Support Subscription License                                                         | Z09M0ZX | 1.373,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Floating User Single Install Monthly License                                          | D1BKCLL | 1.373,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational SoftwareArchitect Designer Extension for Deployment Planning Floating User Single Install Monthly License                                                          | D1BKGLL | 1.373,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Connect-Express Standard Edition Simultaneous Session Monthly                                                                                                      | D1YJXLL | 1.373,26 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network Insights Appliance 1920-C G2 Hard Drive Retention Upgrade Appliance Install License + SW Subscription & Support 12 Months                                    | E0PJ6LL | 1.367,62 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Publishing Authorized User Monthly License                                                                                               | D1BTBLL | 1.366,99 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Conductor Per Socket Monthly License                                                                                                                               | D1NFILL | 1.366,99 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect Virtual Servers High Storage Entry Instance Pay per Use                                                                                                 | D020JZX | 1.365,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager Authorized User Monthly License                                                                                                                    | D1NPFLL | 1.360,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cognos Analytics Viewer Virtual Processor Core Extended Support Subscription License                                                                                            | X28CYLL | 1.354,45 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | MongoDB Enterprise Advanced with IBM Virtual Server Advanced Support Subscription Lic                                                                                           | Z26E2LL | 1.354,45 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Analytics Content Hub Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                     | D0D6EZX | 1.353,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS Transaction Gateway Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                           | D55KZLL | 1.353,83 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution Processor Value Unit (PVU) LIC + SW S&S 12 MO                                                                                | D08E9LL | 1.353,83 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Workgroup Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                      | D0IQCLL | 1.353,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Turbonomic Application Resource Management On Prem Managed Virtual Server SW Subscription and Support Renewal 12 Months                                                     | E0R28LL | 1.353,83 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Additional Author Authorized User per Month                                                                                               | D1IHZLL | 1.349,33 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Basic Edition Processor Value Unit (PVU) Trade up from IBM Sterling Gentran Processor Value Unit (PVU) Trade Up License + SW Subscription & Support | D086KZX | 1.348,86 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage for Non-Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                        | D03UZLL | 1.348,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Concurrent Session SW Subscription & Support Reinstatement 12 Months                                                                                   | D6DJKLL | 1.348,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime zSeries (S/390) Concurrent Session SW Subscription & Support Reinstatement 12 Months                                                                   | D52B5LL | 1.348,81 | Manutenção após Vigência  |



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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog for Non-Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                | D0P27LL | 1.348,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Workgroup Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                              | D16IBLL | 1.348,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Patient Hub - Standard Edition Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                | D0NUILL | 1.348,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Product Hub - Advanced Edition for Non-Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months | D0LP4LL | 1.348,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Product Hub - Standard Edition for Non-Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months     | D0LL5LL | 1.348,81 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Archiving Adapter for InfoSphere Optim Data Growth Solution Authorized User License + SW Subscription & Support 12 Months                                      | D0B89LL | 1.348,81 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Anywhere Add-on Concurrent User Monthly License                                                                                                                | D1QBJLL | 1.348,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Administrator Authorized User Monthly License                                                                                                               | D25VALL | 1.348,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Synergy and Change Suite Authorized User Monthly License                                                                                                     | D1BTJLL | 1.348,18 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Base Concurrent User Subscription License Upgrade                                                                                                     | D0EQYZX | 1.348,18 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Cartridge IBM CPD Additional Capacity Reserved 8 Virtual Processor Core Advanced Support Subscription Lic                                            | Z09NIZX | 1.348,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite - Front End Terabyte (751-1250) Monthly License                                                                                                     | D1IPKLL | 1.348,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite - Front End Terabyte (751-1250) Monthly License                                                                                                     | D1IV6LL | 1.348,18 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Sentinel Terabyte Annual SW S&S Rnwl                                                                                                                         | E0AA5ZX | 1.343,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM API Connect Enterprise from API Connect Professional Processor Value Unit Trade-Up License + SW S&S 12 Months                                                         | D1PSZLL | 1.342,39 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Application Server Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                   | D55NJLL | 1.342,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Development Authorized User for zSeries (S/390) Annual SW Subscription & Support Renewal                                                                 | E00QILL | 1.342,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Development Registered User Annual SW Subscription & Support Renewal                                                                                     | E2DJBLL | 1.342,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Change Data Delivery Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                          | D0B70LL | 1.342,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Aggregator Software Appliance Install Annual SW Subscription & Support Renewal                                                                      | E0ELFLL | 1.342,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Collector Software Appliance Install Annual SW Subscription & Support Renewal                                                                       | E0ELGLL | 1.342,39 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Big Data Resource Value Unit (MVS) Subscription License                                                                         | D29AALL | 1.341,91 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Monthly License                                                                                           | D0A2HZX | 1.341,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite Software 100 Resource Unit Monthly License                                                                                                      | D0AE5ZX | 1.341,91 | Saas                      |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Data Manager Simultaneous Session Subscription License                                                                           | D02ZGZX | 1.341,91 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Add-On Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                             | D1AE8LL | 1.336,66 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Master Cartridge for IBM Cloud Pak for Data Virtual Processor Core Advanced Support Subscription License 12 Months                    | Z05SGZX | 1.335,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Governance Enterprise Processor Value Unit (PVU) Monthly License                                                              | D1K2HLL | 1.335,21 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Integration for Enterprise Non-Production Environments Per Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0NAJLL | 1.331,15 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integrated Analytics Extra Small Server Instance per Month                                                                              | D1Q39LL | 1.330,67 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM System Storage SAN Volume Controller Entry Edition Base Virtualizaiton Disk Drive Annual SW Subscription & Support Renewal                    | E05FDLL | 1.330,20 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloud Pak for Data Master Data Management Virtual Processor Core Advanced Support Subscription License 12 Months                                  | Z27BILL | 1.329,37 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Privacy Risk Assessment for Cloud Pak for Data Virtual Processor Core Subscription License                                               | D0AKHZX | 1.329,37 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Amos Concurrent User Subscription License                                                                                                | D0EGVZX | 1.329,37 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Advanced Statistics Concurrent User Monthly License                                                                                      | D17RZLL | 1.328,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Categories Concurrent User Monthly License                                                                                               | D17RVLL | 1.328,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Complex Samples Concurrent User Monthly License                                                                                          | D17RTL  | 1.328,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Conjoint Concurrent User Monthly License                                                                                                 | D17RRL  | 1.328,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Custom Tables Concurrent User Monthly License                                                                                            | D17S3LL | 1.328,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Decision Trees Concurrent User Monthly License                                                                                           | D17SGL  | 1.328,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Direct Marketing Concurrent User Monthly License                                                                                         | D17SELL | 1.328,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Exact Tests Concurrent User Monthly License                                                                                              | D17SILL | 1.328,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Forecasting Concurrent User Monthly License                                                                                              | D17SALL | 1.328,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Missing Values Concurrent User Monthly License                                                                                           | D17S8LL | 1.328,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Neural Networks Concurrent User Monthly License                                                                                          | D17S6LL | 1.328,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Regression Concurrent User Monthly License                                                                                               | D17RPLL | 1.328,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Non-Production Environments Per Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                 | D1RB0LL | 1.327,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Storage Optimization Feature for Enterprise Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months         | D092JLL | 1.327,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (1251-2000) Annual SW Subscription & Support Renewal                                                   | E0MP1LL | 1.327,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Unified Governance and Integration Platform 1000 Flexpoints Annual SW Subscription & Support Renewal                                          | E0P6NLL | 1.327,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak System Software Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                            | D1472LL | 1.325,91 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Datacap Insight Edition Add-On Copper Instance Advanced Support per Month                                                                         | E0FZNZX | 1.324,46 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud App Configuration Standard Instance Application instance Pay per Use                                                                                           | D05BNZX | 1.322,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud 2.8.500 Paygo Instance Pay Per Use                                                                                                                      | D1N4HLL | 1.322,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Geo-Replicated Disaster Recovery Node Dedicated Infrastructure 2.8.500 Instance Pay Per Use                                                             | D1XIBLL | 1.322,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson OpenScale Server Model Item Pay per Use                                                                                                                       | D04UKZX | 1.322,29 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Account Hub - Standard Edition for Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months    | D0LLULL | 1.321,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub - Standard Edition for Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months | D0LL4LL | 1.321,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add On for IBM Case Manager Authorized User Term Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months      | E0IHTLL | 1.321,84 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Controller Advanced User per Authorized User Monthly License                                                                                                  | D22T5LL | 1.320,86 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Secure File Transfer-Standard Edition Connection Subscription License                                                                                                | D28L4LL | 1.320,86 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Express Performance Management User Workspace Add-On Authorized User SW Subscription & Support Reinstatement 12 Months                                        | D1R8RLL | 1.316,83 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management Modernization Virtual Processor Core Advanced Support Subscription License 12 Months                                                          | Z03AKZX | 1.316,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Connect Enterprise Edition 25 Authorized User Monthly License                                                                                                    | D1MRVLL | 1.313,68 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM CPLEX Optimizer Deployment Entry Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                    | D120VLL | 1.311,19 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center CPLEX Server Processor Value Unit (PVU) SW Subscription & Support Renewal                                                               | E06WWLL | 1.311,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Host Access Client Package for iSeries Authorized User from Competitive Products Trade Up License + SW Subscription & Support 12 Months                              | D50S2LL | 1.311,19 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer Deployment Edition Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                       | D0CV3LL | 1.311,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Patient Hub - Advanced Edition Limited Use Resource Value Unit License + SW Subscription & Support 12 Months                       | D16FHLL | 1.311,19 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition for Non-Production Environment per Entity ID Software Subscription & Support Reinstatement 12 Months            | D28ZTLL | 1.310,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition Non-Production Resource Value Unit SW Subscription & Support Reinstatement 12 Months                            | D29PQLL | 1.310,78 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Requirements Quality Assistant Floating User Monthly License                                                                                             | D033AZX | 1.306,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Insight Standard Edition Authorized User Monthly License                                                                                                    | D1BJKLL | 1.306,50 | Saas                      |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                             | E0BW5LL | 1.305,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Enterprise Edition for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D0J0ZLL | 1.305,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Standard Edition Connection SW Subscription & Support Reinstatement 12 Months                                                                                      | D0IZJLL | 1.305,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 1-12 Annual SW Subscription & Support Renewal                                                                                                        | E0LUDLL | 1.305,79 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation with WDG Automation Platform per Install Extended Support Subscription License                                                                                  | X299TLL | 1.304,28 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR MSSP on Cloud Add-On (AU) Authorized User per Month                                                                                                                          | D22UYLL | 1.304,28 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Authorized User Annual SW Subscription & Support Renewal                                                                                                               | E0E7ELL | 1.300,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Evidence Broker Authorized User Annual SW Subscription & Support Renewal                                                                                                             | E0ECCLL | 1.300,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Income Support for Medical Assistance Authorized User Annual SW Subscription & Support Renewal                                                                                       | E0E7RLL | 1.300,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Life Event Management Authorized User Annual SW Subscription & Support Renewal                                                                                                       | E0ECFLL | 1.300,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Process Manager Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                                             | D02ZTZX | 1.300,05 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Non-Production Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Advanced Support Subscription License                                                 | Z09LUZX | 1.298,01 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Distribution Facility for i Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                              | D1MEILL | 1.293,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Report Distribution Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                      | D55HJLL | 1.293,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Provider Hub - Advanced Edition Limited Use Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                        | D16F0LL | 1.293,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Network Management PA Managed Virtual Network Device SW S&S Reinstat 12 Mo                                                                                      | D15J1LL | 1.293,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify On-Premises per 1000 FlexPoint Annual SW Subscription & Support Renewal 12 Months                                                                                          | E0QDNLL | 1.293,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Provider Hub - Standard Edition Limited Use Resource Value Unit License + SW Subscription & Support 12 Months                                            | D16DVLL | 1.287,84 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere eXtreme Scale Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                           | D572PLL | 1.287,84 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Premium Edition Trading Partner Support-Active Entity ID Per Month                                                                                           | D00QZZX | 1.287,15 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Cloud Suite Virtual Server per Annum                                                                                                                             | D0CYYZX | 1.287,12 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager Additional Author Authorized User Monthly License                                                                                            | D1PWNLL | 1.284,97 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (501-750) Annual SW Subscription & Support Renewal 12 Months                                                       | E0MQGLL | 1.281,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Guardium Analyzer Install SW Subscription & Support Reinstatement 12 Months                                               | D12TULL | 1.281,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Authorized User from Ratl Rose Enterprise Auth User Trade Up License + SW Subscription & Support 12 Months | D0C9PLL | 1.275,64 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for SmartMeters 1000 Client Devices SW Subscription & Support Reinstatement 12 Months                                         | D0L59LL | 1.269,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Internal Service Provider Edition FTL Authorized User Subsequent Fixed Term Licence + SW Subscription & Support 12 Months                                | E0CYRLL | 1.269,17 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Add-On Employee User Value Unit Annual SW Subscription & Support Renewal                                                                     | E0CPXLL | 1.269,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Accounts Payable Add-On to Production Imaging Edition Employee User Value Unit Annual SW Subscription & Support Renewal                                       | E0CQ2LL | 1.269,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Data Server for Non Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                              | D1LKVLL | 1.269,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Solutions Accelerator Server Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                 | E0D7QLL | 1.269,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Network Adapter Client Device Annual SW Subscription & Support Renewal                                                    | E0CQMLL | 1.269,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                       | E09QZLL | 1.269,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (33-64) Annual SW Subscription & Support Renewal                                                                          | E0LWELL | 1.269,17 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | Anaconda Repository for IBM Cloud Pak for Data Authorized User Subscription License                                                                                       | D28AXLL | 1.266,66 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Sterling Secure Proxy for Red Hat OpenShift Virtual Processor Core Subscription License                                           | D28KYLL | 1.266,66 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Software Suite per Terabyte Monthly License                                                                                                                   | D1K7ZLL | 1.266,66 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Container Edition Resource Value Unit Trade Up License                                                                   | D09ZBZX | 1.263,52 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Modernization Non Production Virtual Processor Core Subscription License Upgrade                                 | D08LNZX | 1.260,39 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database Store Monthly License                                                                           | D1953LL | 1.260,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Advanced Store Monthly License                                                                                                          | D1957LL | 1.260,39 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Ceph Terabyte Software Subscription and Support Reinstatement 12 Months                                                                                       | D0CYXZX | 1.257,88 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Private Cloud Editor Authorized User Advanced Support per Annum                                                                                        | E0E8GZX | 1.257,24 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integrated Analytics storage 250 Gigabytes per Month                                                                              | D1QZALL | 1.256,06 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Bot Runner Express Virtual Server Extended Support Subscription License             | X267KLL | 1.254,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Control Room Virtual Server Extended Support Subscription License                   | X267FLL | 1.254,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Platform Express Virtual Server Extended Support Subscription License               | X267JLL | 1.254,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for SAP HANA per Resource Value Unit (MAPC) Subscription License                                      | D29AKLL | 1.254,12 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for SAP Applications Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                       | D0E08LL | 1.252,87 | Manutenção após Vigência  |
| Real | 24 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Token 24 Months Subsequent Fixed Term License + SW Subscription & Support    | E0QLALL | 1.252,87 | Temporária com Manutenção |
| Real | 36 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Token 36 Months Subsequent Fixed Term License + SW Subscription & Support    | E0QLBLL | 1.252,87 | Temporária com Manutenção |
| Real | 48 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Token 48 Months Subsequent Fixed Term License + SW Subscription & Support    | E0QLCLL | 1.252,87 | Temporária com Manutenção |
| Real | 60 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Token 60 Months Subsequent Fixed Term License + SW Subscription & Support    | E0QLDLL | 1.252,87 | Temporária com Manutenção |
| Real | 24 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Token Subsequent Fixed Term License + Software Subscription and Support 24 Months | E08RNZX | 1.252,87 | Temporária com Manutenção |
| Real | 36 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Token Subsequent Fixed Term License + Software Subscription and Support 36 Months | E08RQZX | 1.252,87 | Temporária com Manutenção |
| Real | 48 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Token Subsequent Fixed Term License + Software Subscription and Support 48 Months | E08RSZX | 1.252,87 | Temporária com Manutenção |
| Real | 60 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody AUTOSAR Extension Token Subsequent Fixed Term License + Software Subscription and Support 60 Months | E08RUZX | 1.252,87 | Temporária com Manutenção |
| Real | 60 |                                                | PPA  | 7831 | IBM UrbanCode Velocity Token Subsequent Fixed Term License + SW Subscription & Support 60 Months                                            | E0PQQLL | 1.252,87 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud Azure VMs and Storage without Storage 10 Terabytes Overage                                                    | D0EQMZX | 1.249,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Archive Workgroup Edition - Archive File Access Terabyte Monthly License                                               | D0775ZX | 1.247,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Advanced Processor Value Unit (PVU) Monthly License                                                                  | D1WJHLL | 1.247,85 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix ESQL/C Runtime Concurrent Session License + SW Subscription & Support 12 Months                                                | D6DGRLL | 1.247,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SE Developer Concurrent User Annual SW Subscription & Support Renewal                                                          | E00RULL | 1.247,23 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                          | D0I9CLL | 1.247,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Standard Edition Connection SW Subscription & Support Reinstatement 12 Months                                                                                                                                            | D0J1DLL | 1.247,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Brazilian Portuguese Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                           | D56N3LL | 1.247,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from French Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                         | D55QFLL | 1.247,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from German Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                         | D55QBLL | 1.247,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Italian Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                        | D55Z3LL | 1.247,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Japanese Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                       | D55Z5LL | 1.247,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Korean Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                         | D56MZLL | 1.247,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Simplified Chinese Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                             | D55Z7LL | 1.247,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Spanish Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                        | D55QDLL | 1.247,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Traditional Chinese Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                            | D55Z9LL | 1.247,23 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (501-750) Annual SW S&S Renewal                                                                                                                                                                                | E0HVBLL | 1.244,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (501-750) Annual SW S&S Rnwl                                                                                                                                                                        | E0HV4LL | 1.244,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Premium for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                               | D0EPWLL | 1.244,76 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Controller User on Cloud per Authorized User Monthly Subscription with Support                                                                                                                                                                    | D1CA8LL | 1.243,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Non-Production Without SLA Instance Advanced Support per Month                                                                                                                                                                           | E0G9WZX | 1.243,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Cast Iron Live Integration Services Standard Edition with 2 Endpoints Install Advanced Support per Month                                                                                                                                       | E0DXRZX | 1.243,62 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise User Workspace Add-On Authorized User Annual SW Subscription & Support Renewal                                                                                                                                                         | E0N8QLL | 1.242,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Product Hub - Advanced Edition for Non-Financial Services Resource Value Unit from InfoSphere MDM Product Hub - Standard Edition Non-Financial Services per RVU Trade Up License + SW Subscription & Support 12 Months | D0LP5LL | 1.242,21 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Enterprise Edition Guardium Analyzer Install SW Subscription & Support Reinstatement 12 Months                                                                                                                   | D12TYLL | 1.242,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition Guardium Analyzer Install SW Subscription & Support Reinstatement 12 Months                                                                                                           | D12UCLL | 1.242,21 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Accounts Payable Add-On Authorized User Value Unit Monthly License                                                                                                                                                                     | D1DBCLL | 1.241,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Accounts Payable Add-On to Production Imaging Edition Authorized User Value Unit Monthly License                                                                                                                                       | D1FZQLL | 1.241,58 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Recovery Expert Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                                                   | D55NELL | 1.236,56 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Content Collector Edition Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                           | D1AYMLL | 1.236,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM QMF Analytics for Multiplatforms Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                                  | D1U0BLL | 1.236,56 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli ITCAM for Microsoft Applications Advance Resource Value Unit Annual SW Subscription & Support Renewal                                                                                                                                   | E0BM8LL | 1.236,56 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Business Analytics Enterprise Authorized User Subscription License Upgrade                                                                                                                                                                     | D0BFWZX | 1.235,31 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Business Analytics Enterprise Cartridge for IBM Cloud Pak for Data Authorized User SL UPGRADE                                                                                                                                                  | D0AS7ZX | 1.235,31 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Product Hub - Standard Edition for Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal                                                                                       | E0CYPLL | 1.231,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Provider Hub - Advanced Edition Resource Value Unit Annual SW Subscription & Support Renewal                                                                                                                 | E0DHZLL | 1.231,55 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management Cartridge for IBM Cloud Pak for Data Virtual Processor Core Advanced Support Subscription License 12 Months                                                                                                             | Z039MZX | 1.229,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data 100 Thousand Documents Extended Support Subscription License                                                                                                                  | X28NALL | 1.229,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Standard Edition for Non-Production Environment Processor Value Unit (PVU) Trade Up from IBM Sterling Gentran for Non - Production Environment Processor Value Unit (PVU) Trade Up License + SW Subscription & Support | D2A2PLL | 1.226,82 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition for Non-Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                     | D1TIULL | 1.220,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Account Hub - Advanced Edition for Non-Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                          | D0LLWLL | 1.220,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Account Hub - Standard Edition for Non-Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months                                                                              | D0LLQLL | 1.220,36 | Permanente com Manutenção |



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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub - Advanced Edition for Non-Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                 | D0LNLL  | 1.220,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub - Standard Edition for Non-Financial Services per Resource Value Unit License + SW Subscription & Support 12 Months                                                     | D0LL1LL | 1.220,36 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                       | D08BGLL | 1.220,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Adapter for Microsoft Project Authorized User Annual SW Subscription & Support Renewal                                                                                                                            | E04QULL | 1.220,36 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Aviation Limited Use Authorized User Monthly License                                                                                                                                                          | D1GS4LL | 1.220,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Nuclear Power Limited Use Authorized User Monthly License                                                                                                                                                     | D18R9LL | 1.220,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Oil and Gas Limited Use Authorized User Monthly License                                                                                                                                                       | D1D2JLL | 1.220,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Transportation Limited Use Authorized User Monthly License                                                                                                                                                    | D1D2LLL | 1.220,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Utilities Limited Use Authorized User Monthly License                                                                                                                                                         | D1D2NLL | 1.220,36 | Saas                      |
| Real | 24 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Basic Token Subsequent Fixed Term License + SW Subscription & Support 24 Months                                                                                                          | E08ATZX | 1.220,36 | Temporária com Manutenção |
| Real | 36 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Basic Token Subsequent Fixed Term License + SW Subscription & Support 36 Months                                                                                                          | E08AVZX | 1.220,36 | Temporária com Manutenção |
| Real | 48 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Basic Token Subsequent Fixed Term License + SW Subscription & Support 48 Months                                                                                                          | E08AXZX | 1.220,36 | Temporária com Manutenção |
| Real | 60 |                                                | PPA  | 7831 | IBM Rational Test Automation Server Basic Token Subsequent Fixed Term License + SW Subscription & Support 60 Months                                                                                                          | E08AZZX | 1.220,36 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Virtualize for Public Cloud 10 Terabytes Monthly Base License                                                                                                                                                   | D1VNNLL | 1.220,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Virtualize for Public Cloud on AWS 10 Terabytes Monthly License                                                                                                                                                 | D22STLL | 1.220,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Virtualize for Public Cloud on Azure 10 Terabytes Monthly License                                                                                                                                               | D08K2ZX | 1.220,36 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                   | D0EFOLL | 1.220,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Erasure Code Edition per Terabyte from IBM Storage Scale Data Management Edition Trade Up License + SW S&S 12 Months                                                                                       | D2228LL | 1.220,36 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Water Operations for Waternamics Managed Object on Cloud Thousand Items Overage                                                                                                                                          | D007HZX | 1.218,75 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | EDB Postgres Advanced Server with IBM Virtual Processor Core Subscription License                                                                                                                                            | D26GNLL | 1.216,50 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition for Non-Prod Environment from Sterling File Gateway Enterprise Edition for Non-Prod Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J3XLL | 1.214,62 | Upgrade com Manutenção    |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud for US Federal Occasional Enterprise User Additional Capacity ADD-ON Authorized User Pay per Use               | D1UN5LL | 1.212,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Occasional Enterprise User Additional Capacity ADD-ON Authorized User Pay per Use                              | D1UMQLL | 1.212,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Occasional Enterprise User Additional Capacity Add-On Authorized User Pay Per Use                              | D1QHJLL | 1.212,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud for US Federal (TRIRIGA) Occasional Enterprise User Additional Capacity Add-On Authorized User Pay per Use               | D1R5TLL | 1.212,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics User per Authorized User Overage                                                                                                                     | D1RJ9LL | 1.212,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rhapsody Design Manager on Cloud per Authorized User Subscription per                                                                                                   | D1J55LL | 1.212,53 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Instabug Additional Sessions Subscription per Annum                                                                                                                         | D0CRRZX | 1.212,53 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Recovery Feature Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                              | D0Z5FLL | 1.208,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on Sterling B2B Integrator Standard Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                      | D0J0TLL | 1.208,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Space Management 10 Processor Value Units (PVUs) License + SW Subscription & Support 12 Months                                                      | D1IVSLL | 1.208,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 251+ SW Subscription & Support Reinstatement 12 Months                                                                            | D1ILALL | 1.208,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors - 2,350 SQM Per Item SW Subscription & Support Reinstatement 12 Months                                                        | D29PALL | 1.208,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors - 25,000 SQ FT Per Item SW Subscription & Support Reinstatement 12 Months                                                     | D29P4LL | 1.208,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Network Deployment Processor Value Unit (PVU) from WebSphere Advanced Single Server Trade Up License + SW Subscription & Support 12 Months | D55WMLL | 1.208,16 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Network Deployment Processor Value Unit (PVU) from WebSphere Application Server Trade Up License + SW Subscription & Support 12 Months     | D55WNLL | 1.208,16 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Modernization Non Production Virtual Processor Core Subscription License Upgrade                                                            | D0C06ZX | 1.203,96 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Open XL Fortran for Linux on Power Authorized User Monthly License                                                                                                          | D1BUULL | 1.203,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Eng Requirements Management DOORS Next Saas for US Federal Authorized User Subscription per Month                                                                       | D1MJGLL | 1.203,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Saas for US Federal Authorized User Subscription per Month                                                      | D1MJYLL | 1.203,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Saas for US Federal Authorized User Subscription per Month                                                            | D1MK1LL | 1.203,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Saas for US Federal for US Federal Authorized User Subscription per Month                                                                   | D1MIALL | 1.203,02 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Federation Module per Processor Value Unit Annual SW Subscription & Support Renewal                                                                             | E0LL7LL | 1.202,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS 5250 Applications on i Authorized User License + SW Subscription & Support 12 Months                                                                                                     | D03J6LL | 1.202,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS 5250 Applications on i Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                          | D03J8LL | 1.202,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for 5250 Applications on Multiplatforms Authorized User License + SW Subscription & Support 12 Months                                                                                    | D03J0LL | 1.202,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Referenced Programs via FTP Logs Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                      | D223PLL | 1.202,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Advanced for Non Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                       | D1L42LL | 1.202,42 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Copy Services Manager Resource Value Units MONTHLY LICENSE                                                                                                                                             | D1M9MLL | 1.197,68 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition for Red Hat OpenShift Virtual Processor Core Subscription License                                                                                              | D28KSLL | 1.197,68 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Copy Data Management 10 Managed Terabyte Extended Support Subscription License                                                                                                                 | X07PPZX | 1.197,68 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer Deployment Edition Processor Value Unit (PVU) from IBM CPLEX Optimizer Deployment Entry Edition Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D15SULL | 1.195,95 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Basic Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                     | D12RQLL | 1.195,95 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Capital Projects Hub Saas Concurrent User Subscription per Month                                                                                                                               | D0431ZX | 1.193,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Software Architect Designer Authorized User Monthly License                                                                                                                                   | D1BM8LL | 1.191,41 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Software Architect Designer Authorized User Monthly License (z                                                                                                                                | D1BM9LL | 1.191,41 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Authorized User Subscription License Upgrade                                                                                                                                  | D0EQ7ZX | 1.191,41 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Express for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                       | D1X9WLL | 1.183,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition for SAP Applications for Non-Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                           | E0K1XLL | 1.183,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                   | D1GZULL | 1.183,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for IBM Content Foundation Employee User Value Unit Annual SW Subscription & Support Renewal                                                                         | E0IJILL | 1.183,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Assurance User Value Unit License + SW Subscription & Support 12 Months                                                                                                   | D093YLL | 1.183,76 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Modernization Reserved Virtual Processor Core Advanced Support Subscription License                                                                                            | Z09J4ZX | 1.178,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Virtual Storage Center Storage Capacity Unit (501-750) per Month                                                                                                                                       | D1N4ZLL | 1.177,29 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - Managed Detection and Response Client Device Advanced Support per Month                                                                                             | E0DYZZX | 1.175,22 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Standard Edition AU Option for Non-Production Environments Authorized User Annual SW Subscription & Support Renewal 12 Months                                                           | E0Q5XLL | 1.172,60 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Retail Store Server Starter Edition Client Device License + SW Subscription & Support 12 Months                                                                                             | D096HLL | 1.172,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Retail Store Server Starter Edition with Informix Database Client Device License + SW Subscription & Support 12 Months                                                                      | D096LLL | 1.172,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition for Non-Prod Env from Integrator Enterprise Non-Prod Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J46LL | 1.172,60 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments Agent for Cisco UCS Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                        | D0LM8LL | 1.172,60 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Authorized User Single Install Monthly License                                                                                      | D1BNHLL | 1.170,11 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Tools and Utilities Add On Authorized User Monthly License                                                                                              | D1BRALL | 1.170,11 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics as a Service Essentials Instance Advanced Support per Month                                                                                                              | E0GYQZX | 1.169,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                                    | E04PJLL | 1.167,59 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (251+) SW Subscription & Support Reinstatement 12 Months                                                                                        | D1IWWLL | 1.167,59 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Eng Requirements Management DOORS Next Saas per Authorized User Subscription per Month                                                                                                      | D1J51LL | 1.167,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization - Publishing Document Builder Saas Authorized User per Month                                                                                             | D01NKZX | 1.167,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Saas per Authorized User Subscription per Month                                                                                                                 | D1J4XLL | 1.167,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Saas per Authorized User Subscription per Month                                                                                                             | D1J4VLL | 1.167,43 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Workload Experience Manager with IBM Virtual Server Subscription                                                                                                                       | D28NTLL | 1.166,33 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Worker Safety - Enterprise Integration Hundred Registrations Overage                                                                                                 | D1RDVLL | 1.165,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module Non-Production per Processor Value Unit SW Subscription & Support Reinstatement 12 Months                             | D1GU7LL | 1.165,02 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Govern 100 Eligible Participant Overage                                                                                                                                      | D1XDVLL | 1.162,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM B2B Gateway Pack for Non Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                                              | E0N5RLL | 1.161,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Enterprise Server Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                  | E0HPVLL | 1.161,95 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Enterprise Server Edition Processor Value Unit (PVU) from Db2 for SAP Applications Trade Up License + SW Subscription & Support 12 Months                                      | D0ZUWLL | 1.161,95 | Upgrade com Manutenção    |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for 5250 Applications, Authorized User from Competitive Products, Trade Up License + SW Subscription & Support 12 Months                              | D04LQLL | 1.161,95 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM IM Business Intelligence Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                       | E08SALL | 1.156,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Workgroup Edition for Non Production Environments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                 | D0IQFLL | 1.156,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium for Non-Production Environment Processor Value Unit (PVU) from Professional PVU Trade Up License + SW Subscription & Support 12 Months | D0EQVLL | 1.156,93 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-eInvoicing Post-Audit-350 Documents Overage                                                                                    | D04PTZX | 1.156,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-eInvoicing Post-Audit-350 Documents per Month                                                                                  | D04PRZX | 1.156,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud Azure VMs and Storage without Storage 10 Terabytes per Month                                                                             | D0EQLZX | 1.156,57 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Social Program Management Platform Professional Authorized User Annual SW Subscription & Support Renewal                                                     | E0E78LL | 1.151,28 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex Authorized User Subscription per Month                                                                                                        | D1UIYLL | 1.150,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex for US Federal Authorized User Subscription per Month                                                                                         | D1UKHLL | 1.150,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Premium Edition-Base-Tier 1 Support - Active Entity ID Per Month                                                                     | D00PIZX | 1.150,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services - File Transfer Service Gigabyte Overage                                                                                                     | D19TKLL | 1.150,35 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Account Lifecycle Manager for Users Non-Prod Authorized User per Annum                                                                   | D06UJZX | 1.149,12 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Processor Value Unit (PVU) Monthly License                                                                                               | D19SCLL | 1.147,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Management Expresss Use Concurrent User Monthly License                                                                                               | D1GWPLL | 1.147,52 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM API Connect Enterprise Non Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                     | D1N8JLL | 1.146,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                       | E066NLL | 1.146,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix WRKGRP Edition CPU Option Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                        | D0D1YLL | 1.146,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender on DataPower (Virtual) Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                     | D0BPAZX | 1.146,27 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security as a Service Resource Unit per Month                                                                                                        | D05SNZX | 1.144,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Package (Saas) Resource Unit per Month                                                                                                             | D0A7RZX | 1.144,13 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Add-on Employee User Value Unit License + SW Subscription & Support 12 Months                                                                   | D04GLLL | 1.140,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Analyzer for Non-Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                       | D0C5XLL | 1.140,63 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog for Non-Production Environments Processor Value Unit (PVU) from IBM InfoSphere Business Glossary Non Prod PVU Trade Up License + SW Subscription & Support 12 Months | D0P28LL | 1.140,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Custom Domain Hub - Advanced Edition for Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal                                                 | E0CZQLL | 1.140,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub - Advanced Edition for Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal                                                  | E0CZBLL | 1.140,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Management Managed PA Managed Virtual Network Device From NNM EMS Trdup Lic + SW S&S 12 Mo                                                                                          | D15KRLL | 1.140,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Management Managed PA Managed Virtual Network Device From NNM Q3 E Trdup Lic + SW S&S 12 Mo                                                                                         | D15KSLL | 1.140,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Management Managed PA Managed Virtual Network DeviceZ From NNM Q3 E Trdup Lic + SW S&S 12 Mo                                                                                        | D15KULL | 1.140,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management Managed Virtual Network Device from OMNibus Device Trade Up License + SW Subscription & Support 12 Months                                                     | D1423LL | 1.140,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management Managed Virtual Network Device from OMNibus EMS Trade Up License + SW Subscription & Support 12 Months                                                        | D1424LL | 1.140,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management Managed Virtual Network Device from OMNibus Q3 EMS Trade Up License + SW Subscription & Support 12 Months                                                     | D1425LL | 1.140,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Operations Management Managed Virtual Network Device from NNM CombinedDevice Trdup Lic + SW S&S 12 Mo                                                                            | D15R0LL | 1.140,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Operations Management Managed Virtual Network Device from NNM Entey Device Trdup Lic + SW S&S 12 Mo                                                                              | D15QZLL | 1.140,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Operations Management Managed Virtual Network Device from NNM Event Device Trdup Lic + SW S&S 12 Mo                                                                              | D15QYLL | 1.140,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Insights per Resource Value Unit (MAPC) Annual SW Subscription & Support Renewal 12 Months                                                                                                   | E0QG9LL | 1.140,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Mangement Edition per Terabyte from Storage Scale Advanced Edition per socket Trade Up License + SW Subscription & Support 12 Months                                                        | D1VLDLL | 1.140,63 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Mangement Edition per Terabyte from Storage Scale Standard Edition per socket Trade Up License + SW Subscription & Support 12 Months                                                        | D1VLCLL | 1.140,63 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Data Privacy for Apache Hadoop Resource Value Unit Monthly License                                                                                                                            | D0BACZX | 1.134,98 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for Databases per Resource Value Unit (MVS) Extended Support Subscription License                                                                                            | X299KLL | 1.134,98 | Saas                      |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Enterprise Edition Non-Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                    | D1K1DLL | 1.134,94 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Professional for Non-Production Environment Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months                 | D0ECCLL | 1.134,94 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Professional for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months              | E09J0LL | 1.134,94 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Non-Production for Red Hat OpenShift Virtual Processor Core SW Subscription and Support Renewal 12 Months                                   | EOQVJLL | 1.134,94 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Raw Terabyte Storage Resource Value Unit License + SW Subscription & Support 12 Months                                          | D20J3LL | 1.129,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Digital Business Automation Express Processor Value Unit (PVU) from Eligible Programs Trade Up License + SW Subscription & Support 12 Months                                | D1WXLLL | 1.129,20 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Workgroup Edition for Non-Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                     | D16IILL | 1.129,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Custom Domain Hub - Standard Edition for Non-Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months | D0LKHLL | 1.129,20 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub - Standard Edition for Non-Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months  | D0LKXLL | 1.129,20 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Management Managed Service Providers Authorized User Monthly License                                                                                           | D18QRLL | 1.127,03 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Enterprise - Nonproduction Edition Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                         | D29NELL | 1.123,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition per Client Device SW Subscription & Support Reinstatement 12 Months                                                          | D0CJDLL | 1.122,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database per Client Device SW Subscription & Support Reinstatement 12 Months                                   | D0CJ9LL | 1.122,73 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Worker Safety - Essentials Hundred Registrations per Month                                                                                           | D1RDWLL | 1.119,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar SOAR Breach Response Add-On per User Value Unit (Authorized User) Monthly License                                                                           | D22QQLL | 1.119,16 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for File Systems Processor Value Unit Annual SW Subscription & Support Renewal                                                                            | E0J1XLL | 1.116,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Microsoft SharePoint Processor Value Unit Annual SW Subscription & Support Renewal                                                                    | E0J21LL | 1.116,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Option Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                               | D55PHLL | 1.116,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Option zSeries (S/390) Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                               | D55PJLL | 1.116,99 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Option Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                                                 | D55PLLL | 1.116,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Option zSeries (S/390) Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                                                 | D55PNLL | 1.116,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix C-ISAM Concurrent Session License + SW Subscription & Support 12 Months                                                                                                                                                                         | D6DH7LL | 1.116,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Geodetic DataBlade Concurrent Session Annual SW Subscription & Support Renewal                                                                                                                                                                  | E03WZLL | 1.116,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Extended Deployment Processor Value Unit (PVU) from WebSphere Compute Grid PVU Trade Up License + SW Subscription & Support 12 Months                                                                                                          | D60SNLL | 1.116,99 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Extended Deployment Processor Value Unit (PVU) from WebSphere eXtreme Scale PVU Trade Up License + SW Subscription & Support 12 Months                                                                                                         | D60SMLL | 1.116,99 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Extended Deployment Processor Value Unit (PVU) from WebSphere Virtual Enterprise Node PVU Trade Up License + SW Subscription & Support 12 Months                                                                                               | D60SLLL | 1.116,99 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Answer Retrieval for Watson Discovery On Prem 100 Thousand Documents Monthly License                                                                                                                                                                     | D06DJZX | 1.116,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Studio Premium Modernization Non-Production Reserved Virtual Processor Core Extended Support Subscription Lic                                                                                                                                     | X09K2ZX | 1.116,17 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Business Intelligence and Analytics Reports for Child Welfare Authorized User License + SW Subscription & Support 12 Months                                                                                                                        | D0QNJLL | 1.114,29 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Business Intelligence and Analytics Reports for Income Support Authorized User License + SW Subscription & Support 12 Months                                                                                                                       | D0QNQLL | 1.114,29 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | InfoSphere Optim Data Privacy Enterprise Edition Processor Value Unit (PVU) Annual SW S&S Rnwl                                                                                                                                                               | E0B9HZX | 1.114,29 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ELO - Publishing Document Builder for US Federal Saas Authorized User per Month                                                                                                                                                                          | D01NPZX | 1.113,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Add-On Employee User Value Unit License + SW Subscription & Support 12 Months                                                                                                                                              | D1AEQLL | 1.110,54 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Add-On Starter Pack Authorized User Value Unit License + SW Subscription & Support 12 Months                                                                                                                               | D1AURLL | 1.110,54 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition for Non-Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                                     | E0DLDLL | 1.110,54 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Account Hub - Advanced Edition for Non-Financial Svcs Resource Value Unit from IBM InfoSphere Master Data Management Account Hub - Standard Ed Non-Fin Svcs RVU Trade Up License + SW Subscription & Support 12 Months | D0LLXLL | 1.110,54 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub - Advanced Ed for Non-Financial Services Resource Value Unit from InfoSphere MDM Individual Hub - Standard Ed Non-Fin Svcs per RVU Trade Up License + SW Subscription & Support 12 Months               | D0LNVLL | 1.110,54 | Upgrade com Manutenção    |



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| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Business Service Manager for the Enterprise Tier 1 Resource Value Unit SW Subscription & Support Reinstatement 12 Months                          | D0I09LL | 1.110,54 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Event Automation Non-Production Virtual Processor Core Monthly License                                                                                   | D0DUHZX | 1.109,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages SDI Connector for UCF Common Controls Hub per Application Extended Support Subscription License                                                | X29KILL | 1.109,90 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Categories Concurrent User Subscription License                                                                                                     | D0EMDZX | 1.109,90 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Complex Samples Concurrent User Subscription License                                                                                                | D0DPWZX | 1.109,90 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Conjoint Concurrent User Subscription License                                                                                                       | D0DPXZX | 1.109,90 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Custom Tables Concurrent User Subscription License                                                                                                  | D0ENNZX | 1.109,90 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Decision Trees Concurrent User Subscription License                                                                                                 | D0ELZZX | 1.109,90 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Concurrent User Subscription License                                                                                               | D0ELIZX | 1.109,90 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Exact Tests Concurrent User Subscription License                                                                                                    | D0EQEZX | 1.109,90 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Forecasting Concurrent User Subscription License                                                                                                    | D0EM5ZX | 1.109,90 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Missing Values Concurrent User Subscription License                                                                                                 | D0ENDZX | 1.109,90 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Neural Networks Concurrent User Subscription License                                                                                                | D0ELPZX | 1.109,90 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Regression Concurrent User Subscription License                                                                                                     | D0ENYZX | 1.109,90 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Administrator User on Cloud Authorized User Subscription Per                                                                                   | D026PZX | 1.106,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Water Operations for Waternamics Managed Object on Cloud Thousand Items Per Month                                                                        | D007GZX | 1.106,82 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub Advanced Edition Lmted Use Resource Value Unit License + SW Subscription & Support 12 Months          | D16F3LL | 1.103,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 13-32 Annual SW Subscription & Support Renewal                                                                     | E0LUELL | 1.103,63 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | Motio CI Inventory Virtual Processor Core Subscription License                                                                                               | D29MYLL | 1.103,63 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloudera Workload Experience Manager Node per Month                                                                                                          | D0264ZX | 1.100,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Authorized User Value Unit Annual SW Subscription & Support Renewal                                                        | E0KDSSL | 1.097,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Standard Edition for Non-Prod Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D0IZBLL | 1.097,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Supply Chain EDI Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                               | D114ULL | 1.097,99 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Advanced Support Subscription License                       | Z09J8ZX | 1.097,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Privacy for Hadoop Resource Value Unit Monthly License                                                                                   | D199SLL | 1.097,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Life Sciences Limited Use Authorized User Monthly License                                                                                     | D18RSLL | 1.097,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ for Non-Production Environment Virtual Processor Core Monthly License                                                                                 | D0ETSZX | 1.097,36 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Conductor Socket Subscription License                                                                                                           | D28FBLL | 1.097,36 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Composite Application Manager For Applications 3 Agent Pack Resource Value Unit Monthly License                                                   | D18YTLL | 1.097,36 | Saas                      |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Provider Management Professional Authorized User License + SW Subscription & Support 12 Months                                                         | D0QRNLL | 1.092,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for IBM Case Foundation Authorized User Value Unit Annual SW Subscription & Support Renewal                                | E0AT7LL | 1.092,59 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for IBM Case Manager Authorized User Value Unit Annual SW Subscription & Support Renewal                                   | E0AT6LL | 1.092,59 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Asset Manager Enterprise Edition Publisher Authorized User Single Install Monthly License                                                           | D1BJULL | 1.091,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud App ID Advanced Security 10000 Events Pay Per Use                                                                                                      | D21UQLL | 1.089,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud process runtime environment Concurrent User Overage                                                                                             | D1NHSLL | 1.088,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flows Additional Data Capacity 10K Flows Per Minute per Month                                                                                | D0A8YZX | 1.088,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service File Encryption Gigabyte per Month                                                                               | D0MFNLL | 1.088,17 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Modernization Authorized User From IBM Cognos Analytics Viewer Authorized User Trade Up License + Subscription and Support 12 Months | D03F4ZX | 1.086,13 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Change Data Delivery for Non-Production Environments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                     | D0B73LL | 1.086,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Secure File Transfer-Premium Edition for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months            | E0PXVLL | 1.086,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Standard Edition Resource Value Unit Annual SW Subscription & Support Renewal                                                              | E0DXBLL | 1.086,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                         | D0EJFLL | 1.086,13 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Call Center Add-on User Value Unit Annual Software Subscription & Support Renewal                                                  | E0DIRLL | 1.086,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Inventory Management Add-on Resource Value Unit Annual Software Subscription & Support Renewal                               | E0DIWLL | 1.086,13 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Non-Production per Processor Value Unit Annual SW Subscription & Support Renewal                                      | E0LLALL | 1.084,45 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Open XL C/C++ for Linux on Power Authorized User                                                                                                                 | D1BU8LL | 1.083,97 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM i Modernization Engine for Lifecycle Integration Virtual Processor Core Subscription License                                                                 | D0DK9ZX | 1.078,54 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Reserved Subscription License                                                                    | D0A2UZX | 1.078,54 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Subscription License                                                                             | D0A2JZX | 1.078,54 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Security QRadar Suite Software 100 Resource Unit Subscription License                                                                                        | D0AE7ZX | 1.078,54 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Reserved 100 Resource Unit Subscription License                                                                               | D0AMHZX | 1.078,54 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Breach Response on Cloud Add-On (CU) Concurrent User Overage                                                                                   | D22U8LL | 1.078,54 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Non-Production on Cloud Add-On (AU) Authorized User Overage                                                                                                                                                          | D22V1LL | 1.078,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security (Gen 3) 100 Resource Unit Subscription License                                                                                                                                                              | D05M5ZX | 1.076,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Director Resource Value Unit Monthly License                                                                                                                                                               | D24XDLL | 1.076,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite - Front End Terabyte (1251-2000) Monthly License                                                                                                                                                                 | D1IPLLL | 1.076,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite - Front End Terabyte (1251-2000) Monthly License                                                                                                                                                                 | D1IV7LL | 1.076,79 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Cognos Analytics User per Authorized User Annual SW Subscription & Support Renewal                                                                                                                      | E07PLLL | 1.076,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Version Control Processor Value Unit License + SW Subscription & Support 12 Months                                                                                                                                            | D29LLLL | 1.076,67 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Starter Kit Virtual Processor Core Extended Support Subscription License                                                                                                                                       | X0A93ZX | 1.072,27 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Stats Client Adv Stats Conc User SUBSCRIPTION LICENSE                                                                                                                                                                              | D29VNLL | 1.069,61 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Premium Availability Concurrent User per Month                                                                                                                                                   | D1ZXBLL | 1.069,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect DNS for China Request per Month                                                                                                                                                                                        | D0GN8ZX | 1.069,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Business Premium Support 10 Client Devices Advanced Support 12 Months                                                                                                                                         | E0DX2ZX | 1.067,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Retail Premium Support 100 Client Devices Advanced Support 12 Months                                                                                                                                          | E0DWZZX | 1.067,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (751-1250) Annual SW Subscription & Support Renewal 12 Months                                                                                                                   | E0MQHLL | 1.066,00 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Business Automation Virtual Processor Core Extended Support Subscription License                                                                                                                                     | X267PLL | 1.066,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning TM1 Explorer Workspace Add-On Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                         | D1R9XLL | 1.066,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Enterprise Edition Add-On Network Scanning Device Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                    | D1JX6LL | 1.066,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Enterprise Edition Add-On Occasional Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                          | D1JX2LL | 1.066,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Add-on for Red Hat OpenShift Resource Value Unit Trade Up License from IBM Sterling Order Management Store Add-on Resource Value Unit License + Software Subscription & Support 12 Months | D0BQ9ZX | 1.066,00 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Ceph Pro Edition Terabyte Software Subscription and Support Reinstatement 12 Months                                                                                                                                        | D0DSMZX | 1.066,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for SAP Applications per Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                     | D1PT3LL | 1.066,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Request Central Concurrent User Annual SW Subscription & Support Renewal                                                                                                                                                   | E0D92LL | 1.066,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server - Express Intranet Option 20 Authorized Users Annual SW Subscription & Support Renewal                                                                                                                | E00MPLL | 1.066,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Liberty Core 20 Authorized User Single Install Annual SW Subscription & Support Renewal                                                                                                               | E0HGLLL | 1.066,00 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Local User Authorized User Monthly License                                                                               | D1RASLL | 1.062,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Software Architect Designer Extension for SOA and Web Applications Authorized User Monthly License                                 | D1BKRL  | 1.062,43 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow Feed SW S&S Reinstatement 12 Mo                                                                | D0BJ0ZX | 1.060,99 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Business Automation Insights Virtual Processor Core Extended Support Subscription License                                                   | X0HN9ZX | 1.059,73 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Premium Authorized User Extended Support Subscription License                                                               | X0EPTZX | 1.059,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | FieldFLEX Mobile for IBM TRIRIGA Saas - Condition Assessment Authorized User Overage                                                            | D03YZZX | 1.057,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | FieldFLEX Mobile for IBM TRIRIGA Saas - Inspections Authorized User Overage                                                                     | D03Z1ZX | 1.057,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | FieldFLEX Mobile for IBM TRIRIGA Saas - Maintenance Technician Authorized User Overage                                                          | D03Z5ZX | 1.057,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | FieldFLEX Mobile for IBM TRIRIGA Saas - Space Manager Authorized User Overage                                                                   | D03Z9ZX | 1.057,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Govern 100 Eligible Participant per Month                                                                                    | D1XDULL | 1.057,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Base-Labor-Small Map Change-Map Pay Per Use                                                                   | D005LZX | 1.057,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Server Bundle for Non Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0MIJLL | 1.055,35 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Accounts Payable Employee User Value Unit Monthly License                                                                           | D1D7HLL | 1.055,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Developer for i RPG/COBOL + Modernization Tools, Java Edition Authorized User Monthly License                                      | D1BK5LL | 1.055,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Process Manager Concurrent User Initial Fixed Term License + SW Subscription & Support 12 Months                               | D02ZPZX | 1.049,51 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Process Manager Concurrent User Subsequent Fixed Term License + SW Subscription & Support 12 Months                            | E02ZUZ  | 1.049,51 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Standard Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                | D0EPQLL | 1.049,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Web Application Pattern Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                        | D0JI2LL | 1.049,51 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Science Workbench - Business User with IBM Authorized User Subscription License                                                   | D0BE7ZX | 1.047,19 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Manager Active Edition Authorized User Value Unit Monthly License                                                             | D1G11LL | 1.047,19 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Print Fonts Printer SW Subscription & Support Reinstatement 12 Months                                                               | D04GCLL | 1.043,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Standard Connection SW Subscription & Support Reinstatement 12 Months                                                 | D0J11LL | 1.043,77 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Studio Premium Cartridge for IBM Cloud Pak for Data Non Prod Reserved Virtual Processor Core Extended Support Subscription Lic       | X09JRZX | 1.040,92 | Saas                      |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Copy Manager for IBM Spectrum Virtualize Storage Device Monthly License                                                                                     | D07LRZX | 1.040,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Management for Internal Service Providers Concurrent User Monthly License                                                                      | D1R6FLL | 1.040,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Test Pack Virtual Testers 5 Floating User Monthly License                                                                              | D1BF6LL | 1.040,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Suite Terabyte (501-750) Monthly License                                                                                                    | D1IM4LL | 1.040,90 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Software Suite Terabyte Subscription License                                                                                                        | D28WMLL | 1.040,90 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition for Non-Production Environment per Entity ID Software Subscription & Support Reinstatement 12 Months | D26T2LL | 1.040,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Edition for Non Production Environment Processor Value Unit Software Subscription & Support Reinstatement 12 Months               | D1B0TLL | 1.038,87 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloud Cost Optimization - Flexera One with IBM Observability Resource Unit Advanced Support per Month                                                           | E0GBAZX | 1.038,42 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Recovery Feature Authorized User Single Install Annual SW Subscription & Support Renewal                                                       | E0HWNLL | 1.037,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Digital Business Automation Express Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                           | E0P7GLL | 1.037,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Content Collector Edition Employee User Value Unit License + SW Subscription & Support 12 Months                              | D1AZ4LL | 1.037,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Express Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                      | E0H93LL | 1.037,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                               | E0DK5LL | 1.037,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (751-1250) Annual SW S&S Renewal                                                                                  | E0HVCLL | 1.037,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (751-1250) Annual SW S&S Rnwl                                                                          | E0HV5LL | 1.037,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Professional Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                        | E09R4LL | 1.037,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure Proxy Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                          | D0IZDLL | 1.037,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Service Registry and Repository Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                               | E02YFLL | 1.037,31 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Integration Reserved Virtual Processor Core UAdvanced Support Subscription License                                                            | Z26JALL | 1.034,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Integration Special Edition Virtual Processor Core Advanced Support Subscription License                                                      | Z0807ZX | 1.034,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Integrationper Virtual Processor Core Advanced Support Subscription License                                                                   | Z2689LL | 1.034,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Natural Language Processing Library for Embed 250,000 Monthly API Calls Monthly License                                                              | D0CU9ZX | 1.034,65 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Text to Speech Library for Embed (12,500,000) Monthly Characters Monthly License                                                                                                           | D0CXYZX | 1.034,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Master Non-Financial Services Resource Value Unit Monthly License                                                                                                                         | D19CQLL | 1.033,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Community Development Service Custom Partner Survey Entity ID Set Up                                                                                                        | D0MQ6LL | 1.032,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Community Development Services Custom Partner Survey Entity ID On-Demand Setup                                                                                              | D0MK2LL | 1.032,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution for Oracle Applications Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                   | D0Z3BLL | 1.031,57 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition with Custom Pattern Processor Value Unit (PVU) from Db2 Enterprise Server Edition Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D1DX3LL | 1.023,36 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Host Access Client Package for iSeries Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                          | D50HYLL | 1.023,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer for Non-Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                  | D0TKXLL | 1.023,36 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Privacy for Hadoop Install per Install License + SW Subscription & Support 12 Months                                                                                              | D12R5LL | 1.023,36 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution for Oracle Applications Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                        | D0Z3ALL | 1.023,36 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Add-On Processor Value Unit Annual SW Subscription & Support Renewal                                                                                                           | E0IZMLL | 1.018,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for z/OS Developer Edition per Concurrent User SW Subscription & Support Reinstatement 12 Months                                                                    | D1Y85LL | 1.018,35 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cognos Analytics Viewer Virtual Processor Core Advanced Support Subscription License                                                                                                                  | Z28CYLL | 1.015,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Applications Limited Edition Virtual Processor Core Extended Support Subscription License                                                                                           | X26G9LL | 1.015,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Applications Virtual Processor Core Extended Support Subscription License                                                                                                           | X264ALL | 1.015,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Management Limited Use Authorized User Monthly License                                                                                                                               | D18R0LL | 1.015,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Standard Edition Virtual Server Annual SW S&S Rnwl                                                                                             | E08QYZX | 1.015,84 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Message Broker Retail Store Edition Store Monthly License                                                                                                                               | D194RLL | 1.015,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect Verify and Govern Bundle 100 Eligible Participants Overage                                                                                                                 | D224YLL | 1.013,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Enterprise Edition Processor Value Unit (PVU) Monthly License                                                                                                      | D1L2VLL | 1.013,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Foundation Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                     | D0ZWULL | 1.012,71 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Authorized User Annual SW Subscription & Support Renewal                                                  | E0773LL | 1.012,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Authorized User Annual SW Subscription & Support Renewal                                         | E0794LL | 1.012,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Content Collector Edition Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                              | D0VEVLL | 1.012,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Express Edition User Option Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                                                | D550ALL | 1.012,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Monitoring and Support for Java Server Virtual Processor Core SW Subscription & Support Reinstatement                                                                | D223SLL | 1.012,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local TM1 Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                     | D0C13LL | 1.012,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2B Integrator and Sterling File Gateway Enterprise Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D1FPSLL | 1.012,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on B2B Integrator Standard Edition for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D0J05LL | 1.012,71 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Network Deployment with Custom Pattern Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                     | D1DXJLL | 1.012,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition for Non-Production Resource Value Unit SW Subscription & Support Reinstatement 12 Months                      | D29PJLL | 1.009,82 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Software Suite Terabyte Subscription License Upgrade                                                                                                         | D06ZYXZ | 1.009,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Hybrid Edition Virtual Processor Core Extended Support Subscription License                                                                                | X29A0LL | 1.009,57 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management Advanced Workspace Add-On Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                          | E0N6SLL | 1.007,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Enterprise Server Edition Authorized User Single Install SW Subscription & Support Reinstatement 12 Months           | D1CDHLL | 1.007,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Enterprise Server Edition Authorized User Single Install SW Subscription & Support Reinstatement 12 Months      | D1CEBLL | 1.007,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Enterprise Server Edition Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                           | D1CBHLL | 1.007,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Network Manager Managed Device License + SW Subscription and Support 12 Months                                                                                       | D28V7LL | 1.007,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Erasure Code Edition Terabyte Annual SW Subscription & Support Renewal 12 Months                                                                       | E0PSELL | 1.007,16 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Performance Management Advanced Processor Value Unit (PVU) Monthly License                                                                                    | D1WJBLL | 1.003,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Geo-Replicated Disaster Recovery Node Flex Instance Pay g                                                                                               | D1XIELL | 1.003,12 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud High Availability, Flex Paygo Instance Pay Per Use                                                                                    | D1SU5LL | 1.003,12 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud, Flex Paygo Instance Pay Per Use                                                                                                      | D1SU9LL | 1.003,12 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operations Analytics Predictive Insights on Cloud for IBM Cloud Application Performance Management Advanced Average Managed Virtual Server Overage | D1E22LL | 1.001,11 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Solution for Applic Retirement incl Archive File Access Resource Value Unit Annual SW S&S Rnwl                                    | E077JZX | 1.000,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (2001+) Annual SW Subscription & Support Renewal                                                            | E0MP2LL | 1.000,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Structured Decision Making Add-on Professional Authorized User License + SW Subscription & Support 12 Months                   | D0QP5LL | 997,03   | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Outcome Management Structured Decision Making Add-on Professional Authorized User License + SW Subscription & Support 12 Months              | D0QPILL | 997,03   | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Test Automation Server Basic Floating User Single Install Monthly License                                                                 | D02KHZX | 997,03   | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation Attended Bot Agent Concurrent Connection Subscription License                                                           | D299WLL | 997,03   | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Communications Server for Data Center Deployment Concurrent User License + SW Subscription & Support 12 Months                                     | D0THJLL | 994,96   | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Communications Server for Data Center Deployment Processor Value Unit Annual SW Subscription & Support Renewal                                     | E0ELDLL | 994,96   | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Employee User Value Unit SW Subscription & Support Renewal                                                                      | E051HLL | 994,96   | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Starter Pack Authorized User Value Unit Annual SW Subscription & Support Renewal                                                | E0BHKLL | 994,96   | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Standard Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                | D1K0VLL | 994,96   | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Basic Edition for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months      | D12RMLL | 994,96   | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FIRST Risk Case Studies Authorized User per Month                                                                                                  | D0UR8LL | 994,90   | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Aviation Add-on Saas Flex Authorized User Overage                                                                                       | D1UJULL | 994,90   | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault for Privilege User Non Production Authorized User Advanced Support 12 Months                                       | E0E8XZX | 992,52   | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Storage Capacity Expansion Terabyte Annual SW S&S Renewal                                                                           | E09Q1ZX | 991,39   | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Campus Edition Academic Concurrent User Extended Support Subscription Lic                                                  | X0FCNZX | 990,75   | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Business Automation as a Service Thousand FlexPoint Advanced Support per Month                                                       | E0EXKZX | 988,68   | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Dedicated Node Data Increment Terabyte Advanced Support 12 Months                                                   | E0E36ZX | 988,68   | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Cast Iron Live Enterprise Development Edition Install Advanced Support per Month                                                         | E0DXUZX | 988,68   | Saas                      |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Cast Iron Live Enterprise Edition Application Endpoints Application Instance Advanced Support per Month                                                          | E0DXVZX | 988,68 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Agile Service Manager Managed Virtual Network Device License + SW Subscription & Support 12 Months                                              | D1TJCLL | 988,50 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Db2 Virtual Processor Core Monthly License                                                                                                 | D26W4LL | 983,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Virtual Storage Center Storage Capacity Unit (751-1250) per Month                                                                                                          | D1N50LL | 983,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat Enterprise Linux on IBM Cloud Bare Metal 33-64 Cores Instance Pay per Use                                                                                              | D01R6ZX | 982,85 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                             | D08UYZX | 982,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Big Replicate for Object Stores Terabyte Annual SW Subscription & Support Renewal 12 Months                                                                                | E0PCULL | 980,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ for HPE Virtualized NonStop Processor Value Unit (PVU) SW S&S REINSTATE 12 MONTHS                                                                                       | D08NFZX | 980,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D0YQILL | 980,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Japanese Language Extractor Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                       | D0EESLL | 980,72 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation with WDG Automation Platform per Install Advanced Support Subscription License                                                                  | Z299TLL | 978,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Breach Response on Cloud Add-On (CU) Concurrent User per Month                                                                                               | D22U7LL | 978,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Non-Production on Cloud Add-On (AU) Authorized User per Month                                                                                                | D22UWLL | 978,21 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for RHOS Virtual Processor Core Extended Support Subscription Lic                                        | X08V7ZX | 978,21 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps Resource Unit SW Subscription & Support Reinstatement 12 Months                                                                                 | D28T8LL | 975,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Standard Edition from Integrator Standard Edition Connection Trade Up License + SW Subscription & Support 12 Months                      | D0J4JLL | 975,71 | Upgrade com Manutenção    |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Cloud Suite Non-Production Virtual Server per Annum                                                                                              | D0CYZZX | 970,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation as a Service Platform Instance Advanced Support per Month                                                                                       | E0E6WZX | 970,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Insights-Enterprise-Standard Edition-Base-User Authorized User Pay per Use                                                                             | D00N4ZX | 970,02 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand for i Enhanced Retention Management Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                        | D0CKGLL | 964,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ for HPE NonStop Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                            | D571GLL | 964,09 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for Multiplatforms, Concurrent User Annual SW Subscription & Support Renewal                                                   | E0558LL | 964,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for Multiplatforms, Concurrent User for System z, Annual SW Subscription & Support Renewal                                     | E0559LL | 964,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Professional Processor Value Unit (PVU) from Standard PVU Trade Up License + SW Subscription & Support 12 Months     | D0ER4LL | 964,09 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Databases 10 Processor Value Units (PVUs) License + SW Subscription & Support 12 Months                                 | D1IWELL | 964,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Enterprise Resource Planning 10 Processor Value Units (PVUs) SW Subscription & Support Reinstatement 12 Months          | D1IVALL | 964,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Mail 10 Processor Value Units (PVUs) License + SW Subscription & Support 12 Months                                      | D1IVBLL | 964,09 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for SAN 10 Processor Value Units (PVUs) License + SW Subscription & Support 12 Months                                       | D1IVJLL | 964,09 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services - File Transfer Service Gigabyte per Month                                                                            | D19TILL | 963,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Co-Managed VPN Connection per Month                                                             | D0MFDLL | 963,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service Partner Support Entity ID On-Demand Setup                                                       | D0MK7LL | 963,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service Partner Support Entity ID Set Up                                                                | D0MPZLL | 963,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Standard Services Entity ID On-Demand Setup                                                         | D0MK3LL | 963,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Standard Services Entity ID Set Up                                                                  | D0MPQLL | 963,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Base Authorized User Monthly License                                                                                        | D1D3KLL | 961,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor & Director for C-D Solo Edition Resource Value Unit Monthly License                                         | D1YL6LL | 961,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation as a Service Attended Bot Agent Concurrent Connection per Month                                                  | D03YPZX | 960,99 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | B2B Module for IBM DataPower Gateway Virtual Edition Processor Value Unit License + Software Subscription & Support 12 Months                   | D1B0NLL | 958,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on Sterling B2B Integrator Enterprise Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E0BWCLL | 958,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Network Deployment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                | D55WKLL | 958,35 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Platform Enterprise Premier Services PA per Unit per Month                                                                                  | D1VI4LL | 957,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Virtual Processor Core Monthly License                                       | D08RXZX | 954,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender on DataPower (Virtual) Non-Production Processor Value Unit License SW Subscription & Support 12 Months     | D0BPCZX | 954,39 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | TRIRIGA Workplace Performance Mgmt Projects for Non-Prod Environment Install Extended Support Subscription License                              | X07EAXX | 953,13 | Assinatura                |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault Additional Secrets 1000 Records Advanced Support 12 Months                                                                                                                       | E0E9BZX | 947,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Platform Governance per Unit 3rd Party per Month                                                                                                                                                                 | D1VHXLL | 945,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Platform KeySafe per Unit 3rd Party per Month                                                                                                                                                                    | D1VHZLL | 945,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Platform Multizone User 3rd Party per Month                                                                                                                                                                      | D01QGZX | 945,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Platform Zones per Unit 3rd Party per Month                                                                                                                                                                      | D1VHYLL | 945,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Management Professional Package Instance Advanced Support per Month                                                                                                                                  | E0DYPZX | 945,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect Virtual Servers Standard Storage Entry Instance Pay                                                                                                                                          | D020KZX | 945,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor for Transformation Extender Advanced Processor Value Unit License + SW Subscription & Support 12 Months                                                                                   | D1VBYLL | 943,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Advanced for Non Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months Trade Up from IBM Transformation Extender Non Production Processor Value Unit (PVU) | D1L45LL | 943,73 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM UrbanCode Build Committer Per Floating User Single Install Annual SW Subscription & Support Renewal                                                                                                              | E0KDQLL | 943,73 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Bot Runner Express Virtual Server Advanced Support Subscription License                                                                                      | Z267KLL | 940,59 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Control Room Virtual Server Advanced Support Subscription License                                                                                            | Z267FLL | 940,59 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Platform Express Virtual Server Advanced Support Subscription License                                                                                        | Z267JLL | 940,59 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Advanced Activity Monitor for Data Warehouses Resource Value Unit Monthly License                                                                                                              | D1FNSSL | 934,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Central Management Aggregation Pack for Data Warehouses Resource Value Unit (TB) Annual SW Subscription & Support Renewal                                                                      | E0L09LL | 933,07 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics as a Service Add on User Authorized User per Month                                                                                                                                            | D0DDPZX | 932,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics User per Authorized User per Month                                                                                                                                                            | D1RJ8LL | 932,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Function-Co-managed VPN-Connection Per Month                                                                                                                                 | D0049ZX | 932,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Base-Labor-Trading Partner Change-Entity ID Pay Per Use                                                                                                                            | D005NZX | 932,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Building Insights Non Production Environment Instance Advanced Support 12 Months                                                                                                                         | E0E4ZZX | 932,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Engagement - US and Canada SMS Add-On Thousand Registrations Overage                                                                                                                      | D1RDRLL | 932,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Worker Safety - Enterprise Integration Hundred Registrations per Month                                                                                                                    | D1RDULL | 932,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Container Edition Resource Value Unit Annual SW S&S Rnwl                                                                                                            | E084WZX | 931,82 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise as a Service Hundred Thousand API Calls Advanced Support per Annum                                                                                                                        | E0EFUZX | 928,92 | Saas                      |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Mgmt Software Store Edition Medium Certified Container Resource Value Unit SL UPGRADE                                                 | D0CONZX | 928,05 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Appeals and Legal Actions Professional per Authorized User License + SW Subscription & Support 12 Months                                       | D1R34LL | 927,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix ESQ/C Development Registered User Annual SW Subscription & Support Renewal                                                                  | E2DH1LL | 927,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix ESQ/COBOL Concurrent Session Annual SW Subscription & Support Renewal                                                                       | E2DGKLL | 927,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                          | E04PQLL | 927,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management PA 10 Managed Client Devices Lic + SW S&S 12 Mo                                                     | D15JCLL | 927,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Predictive Analytics Enterprise Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal       | E0I60LL | 927,43 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Open Data for Industries Cartridge for IBM Cloud Pak for NP Reserved Virtual Processor Core Extended Support Subscription License                    | X09JQZX | 921,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise Cartridge for IBM Cloud Pak for Data 100 Thousand Documents Advanced Support Subscription License                        | Z28NALL | 921,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Client Device Annual SW Subscription & Support Renewal 12 Months                                                     | E0I2QLL | 921,74 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for MQ File Transfer Agent Install Annual SW Subscription & Support Renewal 12 Months                                | E0LQWLL | 921,74 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio ReportCard Processor Value Unit (PVU) Annual SW S&S Rnwl                                                                                           | E08Y3ZX | 921,74 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect Verify and Govern Bundle 100 Eligible Participants Monthly Subscription                                                       | D224BLL | 920,28 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Scheduler Saas Flex Concurrent User Overage                                                                                               | D1V1FLL | 920,28 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Intake and Assessment Professional per Authorized User License + SW Subscription & Support 12 Months                                           | D1R1FLL | 916,76 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Controller Administrator per Authorized User Extended Support Subscription License                                                            | X29V1LL | 915,51 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0P9LLL | 915,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand for i Authorized User Annual SW Subscription & Support Renewal                                                              | E08LGLL | 915,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap High Speed Scanning Add on Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                      | D061GZX | 915,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo for Life Sciences Add On Authorized User Annual SW Subscription & Support Renewal                                                             | E0AVMLL | 915,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Linear Asset Manager Authorized User Annual SW Subscription & Support Renewal                                                                 | E04STLL | 915,28 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Package (Saas) for Non- Production Environment Resource Unit per Month                                                               | D0A8SZX | 914,06 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Spatial Asset Management Concurrent User Trade Up from 3 Maximo Spatial Authorized User + SW Subscription & Support 12 Months                                      | D1R84LL | 909,53 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management Managed Virtual Network Device SW Subscription & Support Reinstatement 12 Months                                         | D1422LL | 909,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Standard Edition for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                      | D0IZLLL | 909,53 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Asset Configuration Manager Add-on Saas Flex Authorized User Overage                                                                                           | D1UKELL | 907,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Community Development Service Partner Conversion Service Entity ID Set Up                                                                           | D0MPNLL | 907,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Community Development Services Partner Conversion Service Entity ID On-Demand Setup                                                                 | D0MK8LL | 907,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Graphical Appointment Book for Scheduler Plus per Authorized User Annual SW Subscription & Support Renewal                                                         | E0NSHLL | 906,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS Transaction Gateway Desktop Edition Authorized User SW Subscription & Support Reinstatement 12 Months                                                                | D0G85LL | 903,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                    | D077ELL | 903,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for 5250 Applications on i Authorized User from competitive tradeup, Trade Up License + SW Subscription & Support 12 Months                                 | D03JCLL | 903,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for 5250 Applications on i Processor Value Unit (PVU), from competitive tradeup, Trade Up License + SW Subscription & Support 12 Months                     | D03JELL | 903,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for 5250 Applications on Multiplatforms Authorized User, from competitive tradeup, Trade Up License + SW Subscription & Support 12 Months                   | D03J2LL | 903,06 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SmartCloud Application Performance Management Entry Managed Virtual Server Annual SW Subscription & Support Renewal                                                       | E0DYDLL | 903,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring Agent Builder/OS Agentless Monitoring Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                             | D0IAULL | 903,06 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Programming Patterns Eclipse Client Authorized User Monthly License                                                                                                       | D1BUFLL | 902,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Programming Patterns Web Client Authorized User Monthly License                                                                                                  | D1TTJLL | 902,97 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Amos Concurrent User Subscription License Upgrade                                                                                                                    | D0EGUZX | 902,97 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                             | E0DKZLL | 897,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local TM1 Server per Processor Value Unit from Planning Analytics Express Connector per Install Trade Up License + SW Subscription & Support 12 Months | D1RLULL | 897,33 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services for Non-Production Environment Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months     | D0ECYLL | 897,33 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months | E09JLLL | 897,33 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager for Microsoft Applications Entry per Server Software Subscription & Support Reinstatement 12 Months                                 | D03MGLL | 897,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Extended Deployment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                               | D56LYLL | 897,33 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Answer Retrieval for Watson Discovery On Prem 100 Thousand Documents Subscription License                                                                                | D06DKZX | 896,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Authorized User Monthly License                                                                                                                | D19SALL | 896,70 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Copy Data Management 10 Managed Terabyte Advanced Support Subscription License                                                                                   | Z07PPZX | 896,70 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery CRTG for IBM CPD Additional Capacity for NPE Reserved 8 Virtual Processor Core Extended Support Subscription Lic                                        | X09NGZX | 896,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | MongoDB Enterprise Advanced with IBM Non Production Virtual Server Extended Support Subscription Lic                                                                         | X26E6LL | 896,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Store Edition Mega Certified Container Resource Value Unit Extended Support Subscription License                                          | X28LWLL | 896,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer New Account Fraud for Business 10 API Calls Advanced Support 12 Months                                                                                          | E0DV7ZX | 895,41 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault Saas For Business Users Non Production 50 Authorized User Advanced Support 12 Months                                                     | E0E90ZX | 891,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Email Resource Value Unit License + SW Subscription & Support 12 Months                                                                            | D12USLL | 890,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Foundation Add On for IBM Content Manager Enterprise Edition Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                        | D0ZX6LL | 890,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Social Enterprise Collaboration Professional Authorized User License + SW Subscription & Support 12 Months                                                         | D0QS1LL | 890,43 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Event Automation Non-Production Virtual Processor Core Subscription License                                                                                              | D0DUIZX | 890,43 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Enterprise Edition CPU Option Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                      | E0BQ7LL | 884,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix WRKGRP EDition CPU Option Processor Value Unit (PVU) from Informix Express Edition PVU Trade Up License + SW Subscription & Support 12 Months                   | D0D5YLL | 884,79 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Central Management and Aggregation Pack for Big Data Resource Value Unit (MVS) Annual SW Subscription & Support Renewal                                | E0KZYLL | 884,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Application Center Concurrent User Annual SW Subscription & Support Renewal                                                                                 | E0DXFLL | 884,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (65-100) Annual SW Subscription & Support Renewal                                                                            | E0LWHLL | 884,79 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Team Management on Cloud Add-On (CU) Concurrent User Advanced Support 12 Months                                    | E0E9HZX | 884,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | FieldFLEX Mobile for IBM TRIRIGA Saas - Condition Assessment Authorized User Subscription per Month                                  | D03YYZX | 882,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | FieldFLEX Mobile for IBM TRIRIGA Saas - Inspections Authorized User Subscription per Month                                           | D03Z0ZX | 882,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | FieldFLEX Mobile for IBM TRIRIGA Saas - Maintenance Technician Authorized User Subscription per Month                                | D03Z4ZX | 882,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | FieldFLEX Mobile for IBM TRIRIGA Saas - Space Manager Authorized User Subscription per Month                                         | D03Z8ZX | 882,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Insight Edition Add-On Authorized User Value Unit Monthly License                                                        | D1K05LL | 882,96 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Editor for US Federal Authorized User Advanced Support per Annum                                                  | E0DZIZX | 880,44 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow HSA Feed LIC + SW S&S 12 MO                                                         | D0BJ3ZX | 879,77 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow LAB Feed LIC + SW S&S 12 MO                                                         | D0BJ8ZX | 879,77 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for FileNet Content Manager Employee User Value Unit Annual SW Subscription & Support Renewal  | E0ATPLL | 878,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for IBM Content Manager Employee User Value Unit Annual SW Subscription & Support Renewal      | E0EM9LL | 878,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender for Non Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months          | D1L3NLL | 878,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Financial Payments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D1L5BLL | 878,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Healthcare Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months         | D1L4ALL | 878,66 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Enterprise Edition Special Edition Virtual Processor Core Extended Support Subscription License               | X080FZX | 877,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Premium Edition-Base-Tier 2 Support Overage-Active Entity ID Pay Per Use                           | D00PLZX | 876,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Asset Manager Standard Edition Authorized User Single Install Monthly License                                           | D1BJSLL | 875,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Adanced Activity Monitor for Big Data Resource Value Unit Monthly License                                      | D1FNILL | 875,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM IBM Sterling Partner Engagement Manager Standard Edition Entity ID Annual SW Subscription & Support Renewal 12 Months            | E0R62LL | 871,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition Resource Value Unit Annual SW Subscription & Support Renewal 12 Months      | E0RCKLL | 871,31 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud process runtime environment Concurrent User Monthly Subscription w/ Support per Month                               | D1NHRLL | 870,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Data Capacity 100 Events Per Second per Month                                                                    | D0A8JZX | 870,53 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network PCAP Direct Attached Storage Appliance-C HD RSU Appliance Install Subsequent Fixed Term License + SW Subscription & Support 12 Months      | E0QS6LL | 869,54 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Data Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                              | E0BTULL | 869,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Enterprise Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                | E0BWRL  | 869,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Express Administrator Authorized User Monthly License                                                                                  | D17MALL | 868,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Suite Terabyte (751-1250) Monthly License                                                                                                 | D1IM5LL | 868,61 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Standard for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                   | D0EPPL  | 866,46 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Administrator Cartridge for Cloud Pak for Data Authorized User Extended Support Subscription License                                     | X03GUZX | 865,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Administrator Modernization Authorized User Extended Support Subscription License                                                        | X03CJZX | 865,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Community Development Service Standard Partner Survey Entity ID Set Up                                                              | D0MPXLL | 864,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Community Development Services Standard Partner Survey Entity ID On-Demand Setup                                                    | D0MKOLL | 864,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Enterprise for non-production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                   | E0P73LL | 863,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix WRKGRP EDition CPU Option Processor Value Unit (PVU) from Qualified Competitor Processor Trade Up License + SW Subscription & Support 12 Months  | D0D5ZLL | 863,47 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Viewer Processor Value Unit (PVU) SW S&S Reinstate 12 Mo                                                                         | D0D2NZX | 863,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on Sterling B2B Integrator Standard Edition Connection SW Subscription & Support Reinstatement 12 Months                        | D0J0CLL | 863,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentran Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                 | D0J0JLL | 863,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Integration Module for IBM DataPower Gateway Virtual Edition Processor Value Unit License + Software Subscription & Support 12 Months                         | D1AZPLL | 861,10 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                       | E060KLL | 858,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics for Non-Production Environment Processor Value Unit (PVU) Trade Up from Tier 3 Trade Up License + SW Subscription & Support 12 Months    | D09ZVLL | 858,45 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Case Management Business Intelligence and Analytics Add-on Authorized User License + SW Subscription & Support 12 Months              | D1NGQLL | 858,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Workgroup Server Edition Authorized User Single Install SW Subscription & Support Reinstatement 12 Months | D1CDLLL | 858,45 | Manutenção após Vigência  |



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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Workgroup Server Edition Authorized User Single Install SW Subscription & Support Reinstatement 12 Months | D1CEFL  | 858,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Workgroup Server Edition Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                      | D1CC7LL | 858,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition with Custom Pattern Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                          | E0KZ4LL | 858,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Workgroup Edition for Non Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months            | D0IPNLL | 858,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Basic Edition Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months                              | D12RRLL | 858,45 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Basic Edition Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                           | E0J0GLL | 858,45 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure Proxy for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                  | D0IZELL | 858,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server - Express Developer Authorized User Annual SW Subscription & Support Renewal                                                      | E00MQLL | 858,45 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Mitigation for Business 10 Eligible Participants Advanced Support 12 Months                                                               | E0DWNZX | 858,12 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Premium Availability Authorized User per Month                                                                               | D1ZXALL | 858,10 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Usable Terabyte Storage Resource Value Unit SW Subscription & Support Reinstatement 12 Months                      | D20J8LL | 852,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (1251-2000) Annual SW Subscription & Support Renewal 12 Months                                              | E0MQILL | 852,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                       | D0L35LL | 852,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Services Director for Non-Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months          | D03TILL | 852,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Spatial Asset Management Concurrent User Annual SW Subscription & Support Renewal                                                                       | E0N8DLL | 852,80 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for Databases per Resource Value Unit (MVS) Advanced Support Subscription License                                            | Z299KLL | 852,80 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Ext Non-Prod Container Virtual Processor Core Extended Support Subscription Lic                                                        | X28KILL | 852,80 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Version Control Authorized User License + SW Subscription & Support 12 Months                                                                             | D29LHLL | 852,80 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | Sterling Transformation Ext Pack for Financial Payments Cert Container Virtual Processor Core Extended Support Subscription Lic                                    | X0HS2ZX | 852,80 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | Sterling Transformation Extender Pack for Healthcare Cert Container Virtual Processor Core Extended Support Subscription Lic                                       | X0HRVZX | 852,80 | Assinatura                |

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| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Professional for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                 | D0EQALL | 848,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                              | D14I6LL | 847,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Rulerunner Enterprise Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                      | D0ICQLL | 847,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Workgroup Edition CPU Option Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                     | D0N1JLL | 847,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector Feed SW S&S Reinstatement 12 Mo                                                                                                                              | D0BIQZX | 847,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2B Integrator and Sterling File Gateway Enterprise for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D1FPVLL | 847,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Reservation Manager for Small Installations Authorized User License + SW Subscription & Support 12 Months                                                                     | D15AILL | 847,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Hypervisor Edition Intelligent Management Pack Processor Value Unit License + SW Subscription & Support 12 Months                                                  | D0CXGLL | 847,79 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | EDB PostgreSQL with IBM Virtual Processor Core Subscription License                                                                                                                                 | D27JZLL | 846,53 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise Additional Calls 100 Thousand Monthly API Calls For 25M Monthly License                                                                                                  | D1LM8LL | 846,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Performance Management User Authorized User Monthly License                                                                                                                              | D17LMLL | 846,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 Warehouse for IBM Cloud Pak for Data Virtual Processor Core Monthly License                                                      | D08MJZX | 846,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Signature Validation Processor Value Unit (PVU) Monthly License                                                                                                                         | D1K03LL | 846,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud - US Federal Additional Memory 16 Gigabytes per Month                                                                                                         | D1I5LL  | 845,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operations Analytics Predictive Insights on Cloud for IBM Cloud Application Performance Management Advanced Average Managed Virtual Server per Month                                            | D1E20LL | 845,66 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Internet of Things Client Device License + SW Subscription & Support 12 Months                                                                      | D1R0XLL | 842,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Monitor for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                             | E0JLILL | 842,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Performance Management User Workspace Add-On Authorized User Annual SW Subscription & Support Renewal                                                                                    | E0N8YLL | 842,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for SAP Applications Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                                      | E097JLL | 842,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Remote Capture Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                             | D04EYLL | 842,06 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Spatial Asset Management Authorized User SW Subscription & Support Reinstatement 12 Months                                                         | D0H1CLL | 842,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Telemetry Retail Store Editon Install License + SW Subscription & Support 12 Months                                                                    | D0VL5LL | 842,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local TM1 Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months               | D076ELL | 842,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Enterprise User Value Unit License + SW Subscription & Support 12 Months                                                       | D1K1GLL | 842,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Enterprise - Production Edition Processor Value Unit from Prior Programs Trade Up License + SW Subscription & Support 12 Months | D29N1LL | 840,68 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Studio Premium Modernization Non-Production Reserved Virtual Processor Core Advanced Support Subscription Lic                                      | Z09K2ZX | 840,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DevOps for IBM Cloud Paks Resource Unit Monthly License                                                                                                   | D28GKLL | 839,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Health Safety and Environment Manager Authorized User Monthly License                                                                              | D18R3LL | 839,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud for US Federal Occasional Enterprise User Authorized User Overage                                | D1UN4LL | 839,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Occasional Enterprise User Authorized User Overage                                               | D1UMPLL | 839,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Occasional Enterprise User Authorized User Overage                                               | D1QHILL | 839,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud for US Federal (TRIRIGA) Occasional Enterprise User Authorized User Overage                                | D1R5SLL | 839,44 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Contributor Authorized User per Annum                                                                                                      | D0PQJLL | 839,40 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Premium Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                        | E09RXLL | 836,31 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages SDI Connector for UCF Common Controls Hub per Application Advanced Support Subscription License                                                 | Z29KILL | 833,99 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Discover and Classify for Structured Data per Resource Value Unit (MVS) Monthly License                                                          | D0CEWZX | 833,99 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Natural Language Processing Library for Embed 250,000 Monthly API Calls 250 Thousand Monthly API Calls Subscription License                        | D0CUBZX | 833,99 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Text to Speech Library for Embed (12,500,000) Monthly Characters Subscription License                                                              | D0CY0ZX | 833,99 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Availability Db2 Warehouse Virtual Processor Core Monthly License                                                                    | D21UPLL | 832,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor Resource Value Unit Monthly License                                                                                       | D1823LL | 832,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (1251-2000) Annual SW S&S Renewal                                                                               | E0HVDLL | 829,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (1251-2000) Annual SW S&S Rnwl                                                                       | E0HV6LL | 829,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Management Edition per Terabyte Annual SW Subscription & Support Renewal 12 Months                                                     | E0NZ5LL | 829,84 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Aviation Add-on Saas Flex Authorized User Subscription per User                                                                                            | D1UJTLL | 827,01 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex Express Use Concurrent User Overage                                                                                                              | D1V1DLL | 827,01 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM App Connect Standard Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                                                    | E04NRLL | 824,10 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                        | E09LLLL | 824,10 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Cognos Analytics Explorer Reserved Authorized User Subscription License                                                                            | D09IXZX | 821,45 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Edition AU Option for Non-Production Environments Authorized User Monthly License                                                                        | D24PGLL | 821,45 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Encryption Offering for DB2 Express Server Edition Limited Use Virtual Server Monthly License                                                                     | D1CWWLL | 821,45 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages SDI Connector for UCF Common Controls Hub on Cloud Application Advanced Support per Month                                                                   | E0GLPZX | 820,79 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Cache for IBM Cloud Medium Instance Pay Per Use                                                                                                                  | D15UULL | 820,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Session Cache for IBM Cloud Medium Instance Pay Per Use                                                                                                               | D15UXLL | 820,73 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS Transaction Gateway Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                 | D55L0LL | 817,65 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                     | E020CLL | 817,65 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Product Hub - Standard Edition for Non-Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months | D0LL6LL | 817,65 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution Processor Value Unit (PVU) SW S&S REINSTATE 12 MO                                                                      | D08EALL | 817,65 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution Processor Value Unit (PVU) SW S&S REINSTATE 12 MO                                                                      | D0CV7LL | 817,65 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Archiving Adapter for InfoSphere Optim Data Growth Solution Authorized User SW Subscription & Support Reinstatement 12 Months                                  | D0B8ALL | 817,65 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment Simultaneous Session Annual SW Subscription & Support Renewal                                          | E0BY8LL | 817,65 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Add-on for Red Hat OpenShift Resource Value Unit Annual Software Subscription & Support Renewal                              | E0QNYLL | 817,65 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Message Broker Retail Store Edition Idle Standby Store Annual SW Subscription & Support Renewal                                                             | E0FAPLL | 817,65 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced CURRENCY VALUE UNIT Annual SW Subscription & Support Renewal                                                                   | E0FA5LL | 817,65 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database CURRENCY VALUE UNIT Annual SW Subscription & Support Renewal                                    | E0FA7LL | 817,65 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Business Authorized User MONTHLY LICENSE                                                                                                                    | D25UALL | 815,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Control Storage Capacity Unit (1-100) per Month                                                                                                              | D1N4PLL | 815,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - ECDN Instance Per Month                                                                                                                  | D1Q8QLL | 814,57 | Saas                     |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights Saas Advanced Edition Managed Virtual Server Subscription Advanced Support 12 Months                                               | E0E08ZX | 814,57 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Optimization Method Composer Content Reader Authorized User Annual SW Subscription & Support Renewal                                    | E0AH2LL | 811,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Gold for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                   | E0I37LL | 811,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Audit and Investigation Professional per Authorized User License + SW Subscription & Support 12 Months                                                  | D1R38LL | 810,16 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Mgr Active Ed Add-On Authorized User Value Unit Monthly License                                                                                 | D1G13LL | 808,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Services Authorized User Value Unit Monthly License                                                                                             | D1D92LL | 808,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational ClearQuest Authorized User Monthly License                                                                                                           | D1BFULL | 808,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure File Transfer-Standard Edition for Non-Production Environment Connection Monthly License                                                               | D22IHLL | 808,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Fusion Advanced Enterprise Virtual Processor Core Monthly License                                                                                     | D09PVZX | 808,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite - Front End Terabyte (2001+) Monthly License                                                                                                | D1IPMLL | 808,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite - Front End Terabyte (2001+) Monthly License                                                                                                | D1IV8LL | 808,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sysdig Secure Agent Host per Month 3rd Party Offering                                                                                                             | D08WVZX | 808,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Mitigation for Retail 100 Eligible Participants Advanced Support 12 Months                                                               | E0DWCZX | 805,92 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Limited Authorized User Annual SW Subscription & Support Renewal 12 Months                                                                          | EQQFALL | 805,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Non Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D08V0ZX | 805,44 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 33-64 Annual SW Subscription & Support Renewal                                                                          | E0LUFLL | 805,44 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Starter Kit Virtual Processor Core Advanced Support Subscription License                                                                  | Z0A93ZX | 802,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ Advanced High Availability Replica Virtual Processor Core Monthly License                                                                                  | D1VAKLL | 802,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect Managed DNS Request Overage                                                                                                                       | D0GNFZX | 802,13 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Business Automation Insights Virtual Processor Core Advanced Support Subscription License                                                                     | Z0HN9ZX | 796,37 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Business Automation Virtual Processor Core Advanced Support Subscription License                                                                | Z267PLL | 796,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Express User Authorized User Monthly License                                                                                               | D1R8HLL | 796,37 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Base Authorized User Subscription License                                                                                                     | D0EQWZX | 796,37 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Virtual Storage Center Entry Edition per Terabyte Monthly License                                                                                             | D19KHLL | 796,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect Managed DNS Record Overage                                                                                                                        | D0GNHZX | 795,92 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights Saas Standard Edition Managed Virtual Server Subscription Advanced Support 12 Months                                               | E0E0AZX | 795,92 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog Manager for Customers-Trading Partner Access-Entity ID Overage                                         | D014KZX | 795,92 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integration Basic for IBM Cloud Integration Endpoint Pay Per Use                                                                                      | D15V8LL | 795,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Event Management Runbook Automation Thousand Items Pay per Use                                                                                              | D008FZX | 795,40 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak System Software Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                      | D1473LL | 795,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Non-Production Environments Per Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                           | D1RB1LL | 794,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Storage Optimization Feature for Enterprise Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                   | D092KLL | 794,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Advanced Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                        | E0MD0LL | 794,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Network Deployment Processor Value Unit (PVU) from Qualified Competitor Trade Up License + SW Subscription & Support 12 Months | D55WLLL | 794,49 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Message Broker Retail Store Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                      | D06UPLL | 794,49 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault Analytics Instance per Annum                                                                                                | D044EZX | 790,92 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Premium Authorized User Advanced Support Subscription License                                                                               | Z0EPTZX | 790,10 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Configure Price Quote Certified Container Authorized User SL UPGRADE                                                                               | D0C0EZX | 790,10 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant for Voice Interaction Cartridge IBM Cloud Pak for Data 10 Thousand Monthly Minutes Extended Support Subscription License                   | X2690LL | 790,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant for Voice Interaction Cartridge IBM Cloud Pak for Data 10 Thousand Monthly Minutes Extended Support Subscription License                   | X2691LL | 790,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Analyzer on Cloud Additional Ontology Instance Advanced Support per Month                                                       | E0DXMZX | 789,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Video Logistics Manager 100 Asset Overage                                                                                                             | D1PX6LL | 789,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Analytics and Cognos Analytics on Cloud Workgroup Authorized User per Month                                                                          | D1QVCLL | 789,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Requirements Management DOORS Next Analyst for Workgroups Authorized User Single Install Monthly License                                        | D1BN3LL | 789,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Quality Professional for Workgroups Authorized User Single Install Monthly License                                              | D1BN1LL | 789,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Developer for Workgroups Authorized User Single Install Monthly License                                                     | D1BL5LL | 789,65 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Multi Payment Communication Gateway Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                     | E02HGLL | 788,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Express Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                          | E0P9NLL | 788,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Real-time Compression Storage Capacity Unit Annual SW Subscription & Support Renewal 12 Months                                        | E0MR8LL | 788,84 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments Agent for Citrix XenApp Resource Value Unit Annual SW Subscription & Support Renewal                                                                                | E0CZ0LL | 788,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments Agent for Citrix XenDesktop Resource Value Unit Annual SW Subscription & Support Renewal                                                                            | E0CYZLL | 788,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments for Citrix XenServer Resource Value Unit Annual SW Subscription & Support Renewal                                                                                   | E0BLQLL | 788,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments Resource Value Unit Annual SW Subscription & Support Renewal                                                                                                        | E0BLNLL | 788,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM CPLEX Optimizer Deployment Entry Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                          | D120WLL | 783,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center CPLEX Engine Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                                  | E0BTLL  | 783,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Patient Hub - Advanced Edition Limited Use Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                             | D16FILL | 783,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Patient Hub - Standard Edition Limited Use Resource Value Unit License + SW Subscription & Support 12 Months                                                                 | D16FFLL | 783,83 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Enterprise Edition for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                          | E0BWVLL | 783,83 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Studio Premium Cartridge for IBM Cloud Pak for Data Non Prod Reserved Virtual Processor Core Advanced Support Subscription Lic                                                                          | Z09JRZX | 783,83 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM watsonx.data Non-Production Virtual Processor Core Subscription License                                                                                                                                        | D0F3NZX | 783,83 | Assinatura                |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Aspera Files Business Edition Terabyte per Annum Terabyte Advanced Support per Annum                                                                                                                               | E0DV1ZX | 783,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Vulnerability Assessment For Databases Resource Value Unit (MVS) Monthly License                                                                                                             | D1FNLL  | 782,47 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Virtual Storage Center Storage Capacity Unit (1251-2000) per Month                                                                                                                                             | D1N51LL | 782,47 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Verification Engine Authorized User Annual SW Subscription & Support Renewal                                                                                                                             | E0ECPLL | 778,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Authorized User Annual SW Subscription & Support Renewal 12 Months                                                                                  | E0QKTLL | 778,19 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation with WDG Automation Unattended Bot Agent per Concurrent Connection Extended Support Subscription License                                                                            | X299VLL | 777,55 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition Non-Production from Sterling Partner Engagement Manager Essentials Edition Non-Production Entity ID Tradeup License + SW Subscription & Support 12 Months | D28ZULL | 777,26 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition Non-Production Resource Value Unit Trade Up License + SW Subscription & Support 12 Months                                                                 | D29PRLL | 777,26 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Insights-Enterprise-AddOn-User Authorized User per                                                                                                                                         | D00N2ZX | 777,26 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Engagement - Advanced Thousand Registrations Overage                                                                                                                         | D1RDILL | 777,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Connect-Direct Standard Edition for Non-Production Environment Simultaneous Session Monthly License                                                                                        | D1K1ULL | 775,28 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - FlatTB per Terabyte Subscription License                                                                                                                                    | D28DRLL | 775,28 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli SmartCloud Application Performance Management NON Production Managed Virtual Server Monthly License                                                                                          | D18YALL | 775,28 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Storage Protect Suite Entry Terabyte (1-100) Monthly License                                                                                                                                            | D1IPCLL | 775,28 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Distribution Facility for i Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                   | D1MEJLL | 773,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Report Distribution Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                           | D55HKLL | 773,17 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Business Intelligence and Analytics Authorized User License + SW Subscription & Support 12 Months                                                                                             | D0QQBLL | 773,17 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Scheduler Saas Flex Concurrent User Subscription per Month                                                                                                                               | D1V1ELL | 771,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Suite per AppPoint Monthly License                                                                                                                                 | D05KQZX | 768,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Authorized User Single Install Monthly License                                                                                                    | D272VLL | 768,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for Secure Proxy Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License                                                                        | D27PALL | 768,10 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Analyzer Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                                 | E04PSLL | 767,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Provider Hub - Standard Edition Limited Use Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                 | D16DWLL | 767,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Standard Edition for Non-Production Environment Processor Value Unit (PVU) from Basic for Non-Production Environment Trade Up License + SW Subscription & Support 12 Months | D12TLLL | 767,52 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Standard Edition from Sterling File Gateway Standard Connection Trade Up License + SW Subscription & Support 12 Months                                              | D0J4NLL | 767,52 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentran from Gentran Director Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months                                                                            | D0J40LL | 767,52 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere eXtreme Scale Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                | D572QLL | 767,52 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module per Processor Value Unit Annual SW Subscription & Support Renewal                                                             | E0LLCLL | 766,93 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Applications Limited Edition Virtual Processor Core Advanced Support Subscription License                                                                                             | Z26G9LL | 765,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Applications Virtual Processor Core Advanced Support Subscription License                                                                                                             | Z264ALL | 765,01 | Saas                      |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for Managed Service Provider Add-on Saas Flex Concurrent User Overage                                                                                         | D1UJ7LL | 764,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Nuclear Add-on Saas Flex Concurrent User Overage                                                                                                              | D1UK4LL | 764,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Oil and Gas Add-on Saas Flex Concurrent User Overage                                                                                                          | D1UK8LL | 764,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Transportation Add-on Saas Flex Concurrent User Overage                                                                                                       | D1UJSLL | 764,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Utilities Add-on Saas Flex Concurrent User Overage                                                                                                            | D1UKCLL | 764,83 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Enterprise Edition Employee User Value Unit SW Subscription & Support Renewal                                                                            | E066CLL | 762,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Employee User Value Unit Annual SW Subscription & Support Renewal                                                                                | E04ZWLL | 762,50 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Notifications Custom-Domain Email Message 1000000 Outbound Digital Message Pay per Use                                                                       | D0FTGZX | 759,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Hybrid Edition Virtual Processor Core Advanced Support Subscription License                                                                                    | Z29A0LL | 758,74 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Express Additional Author Authorized User per Month                                                                                    | D1RK4LL | 758,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Asset Configuration Manager Add-on Saas Flex Authorized User Subscription per Month                                                                           | D1UKDLL | 758,61 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced Processor Value Unit (PVU) from MQ Advanced for Non-Production Environment Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D29RYLL | 756,62 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational ClearCase MultiSite Floating User Monthly License                                                                                                               | D1BFMLL | 752,47 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Modeling for Communications Applications for Ratl Professional Bundle Floating User Monthly License                                                             | D1BK2LL | 752,47 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Performance Tester Authorized User Monthly License                                                                                                              | D1BGJLL | 752,47 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Account Lifecycle Manager On-Premises for Users Non Production Authorized User Annual SW S&S Rnwl                                              | E06SCZX | 752,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault Remote On-Premises User Value Unit License + SW Subscription and Support 12 Months                                                       | D28IMLL | 752,47 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Concurrent User Subscription License Upgrade                                                                                                    | D0EP3ZX | 752,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Categories Concurrent User Subscription License Upgrade                                                                                                             | D0EMCZX | 752,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Complex Samples Concurrent User Subscription License Upgrade                                                                                                        | D0ELAZX | 752,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Conjoint Concurrent User Subscription License Upgrade                                                                                                               | D0EL3ZX | 752,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Custom Tables Concurrent User Subscription License Upgrade                                                                                                          | D0ENMZX | 752,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Decision Trees Concurrent User Subscription License Upgrade                                                                                                         | D0ELYZX | 752,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Concurrent User Subscription License Upgrade                                                                                                       | D0ELHZX | 752,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Exact Tests Concurrent User Subscription License Upgrade                                                                                                            | D0EQDZX | 752,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Forecasting Concurrent User Subscription License Upgrade                                                                                                            | D0EM4ZX | 752,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Missing Values Concurrent User Subscription License Upgrade                                                                                                         | D0ENCZX | 752,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Neural Networks Concurrent User Subscription License Upgrade                                                                                                        | D0ELNZX | 752,47 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Regression Concurrent User Subscription License Upgrade                                                                                                             | D0ENXZX | 752,47 | Upgrade                   |

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| Real | 1  |                                                | PPA  | 7831 | IBM watsonx.ai Virtual Processor Core Advanced Support Subscription License                                                                                    | Z0GQJZX | 752,47 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM watsonx.governance Model Management Virtual Processor Core Advanced Support Subscription License                                                           | Z0H60ZX | 752,47 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Starter Edition Store Monthly License                                                                                        | D194VLL | 752,47 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Starter Edition with Informix Database Store Monthly License                                                                 | D194ZLL | 752,47 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Viewer Resource Value Unit LIC + SW S&S 12 MO                                                                                     | D0D2UZX | 751,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution Starter Edition for JD Edwards Applications Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D0AP6LL | 750,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Calibration Authorized User SW Subscription & Support Renewal                                                                                       | E04QTLL | 750,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Enterprise Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                           | E0M5DLL | 750,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Order Management Store Add-on Resource Value Unit Annual Software Subscription & Support Renewal                                                  | E0DIVLL | 750,87 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Developer Rules Player Add On Authorized User Monthly License                                                          | D1BQYLL | 746,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Virtualize Software for SVC Encryption Storage Device Monthly                                                                                     | D1PVILL | 746,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Suite for IBM Cloud Paks Standard Edition Virtual Processor Core Monthly License                                                                   | D27FILL | 746,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Digital User per Authorized User per Month                                                                                              | D1T94LL | 746,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights Saas Essentials Edition Managed Virtual Server Subscription Advanced Support 12 Months                                          | E0E09ZX | 746,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Analytics 100 Events Per Second Advanced Support per Month                                                                           | E0DZUZX | 746,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising AddOn API Calls Million API Calls Pay per Use                                                                               | D0H0WZX | 746,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Engagement - US and Canada SMS Add-On Thousand Registrations per Month                                                              | D1RDQLL | 746,17 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM COBOL Runtime Environment for AIX Processor Value Unit License + SW Subscription & Support 12 Months                                                       | D1HGXLL | 744,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Concurrent Session Annual SW Subscription & Support Renewal                                                                  | E2DFFLL | 744,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime zSeries (S/390) Concurrent Session Annual SW Subscription & Support Renewal                                                  | E00QFLL | 744,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Interactive Debugger Development Authorized User zSeries (S/390) Annual SW Subscription & Support Renewal                                     | E00QELL | 744,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Interactive Debugger Development Registered Authorized User Annual SW Subscription & Support Renewal                                          | E2DFWLL | 744,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Concurrent Session Annual SW Subscription & Support Renewal                                                                       | E2DG4LL | 744,43 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime zSeries (S/390) Concurrent Session Annual SW Subscription & Support Renewal                                                             | E00QCLL | 744,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix ESQL/C Runtime Concurrent Session SW Subscription & Support Reinstatement 12 Months                                                                     | D6DGULL | 744,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                              | D0I9DLL | 744,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Patient Hub - Advanced Edition Resource Value Unit Annual SW Subscription & Support Renewal                                    | E0DHXLL | 744,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2B Integrator Basic and Standard Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                   | D1FP6LL | 744,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Extended Deployment Processor Value Unit (PVU) from WebSphere Virtual Enterprise Controller PVU Trade Up License + SW Subscription & Support 12 Months | D60SKLL | 744,43 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo IT per AppPoint Monthly License                                                                                                                           | D0GKJZX | 739,93 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Campus Edition Academic Concurrent User Advanced Support Subscription Lic                                                                | Z0FCNZX | 739,93 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Control Storage Capacity Unit (101-250) per Month                                                                                                       | D1N4QLL | 739,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Capital Projects Hub Per Concurrent User Monthly License                                                                                                 | D28ZMLL | 739,39 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Recovery Expert Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                 | D55NFL  | 738,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Account Hub - Advanced Edition for Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal         | E0CYXLL | 738,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub - Advanced Edition for Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal      | E0CZFLL | 738,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Provider Hub - Standard Edition Resource Value Unit Annual SW Subscription & Support Renewal                                   | E0DHWLL | 738,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition for Non-Prod Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                | E0BVVLL | 738,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio ReportCard Authorized User Annual SW S&S Rnwl                                                                                                                  | E08XYZX | 738,68 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Application Suite per AppPoint Monthly License                                                                                                            | D28B2LL | 735,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Health, Safety and Environment Manager Add-on Saas Flex Concurrent User Overage                                                                       | D1UJFLL | 733,74 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Premium Edition-Base-Tier 2 Support-Active Entity ID Per Month                                                                     | D00PKZX | 733,74 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Employee User Value Unit Monthly License                                                                                                                 | D1D7GLL | 732,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Anywhere Authorized User Monthly License                                                                                                                  | D18Z4LL | 732,21 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Enterprise Ed Non Prod Virtual Server Annual SW S&S Rnwl                                                      | E08Q0ZX | 732,21 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect Fifty Thousand Events Overage                                                                                                             | D01SZZX | 727,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Verify 100 Eligible Participant Overage                                                                                                           | D1W9TLL | 727,52 | Saas                      |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Video Logistics Manager Additional Asset Pack 100 Asset Overage                                                                                                       | D1UDLLL | 727,52 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Enterprise Edition Starter Pack Authorized User Value Unit Annual SW Subscription & Support Renewal                                                         | E07MNLL | 726,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Enterprise Edition Employee Add-On User Value Unit Annual SW Subscription & Support Renewal 12 Months                                                               | E0EHJLL | 726,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Starter Pack Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                    | E07MQLL | 726,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Quality and Governance for Non-Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0DL9LL | 726,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Account Hub - Standard Edition for Non-Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months       | D0LLRLL | 726,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub - Standard Edition for Non-Financial Services per Resource Value Unit SW Subscription & Support Reinstatement 12 Months    | D0LL2LL | 726,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Space Management 10 Processor Value Units (PVUs) SW Subscription & Support Reinstatement 12 Months                                                      | D1IVTLL | 726,47 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Enterprise Edition Add-On Authorized User Value Unit Monthly License                                                                                                | D1G00LL | 725,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Test Automation Server Basic Floating User Single Install Subscription License                                                                                     | D02KIZX | 725,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Connect-Direct Premium Edition Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License                                                         | D26Q6LL | 725,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS TX on Cloud Processor Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                                    | E0QA3LL | 719,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud App Management Extension Pack Managed Virtual Server Annual SW Subscription & Support Renewal 12 Months                                                               | E0Q3KLL | 719,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Processor Value Unit Annual SW Subscription & Support Renewal                                                                                       | E0K2HLL | 719,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Authorized User License + SW Subscription & Support 12 Months                                                                           | D26VZLL | 719,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Standard Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                      | E0BW6LL | 719,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Financial Payments for Non Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                             | D1L5LLL | 719,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Healthcare for Non Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                     | D1L4KLL | 719,86 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Fusion Reserved Virtual Processor Core Subscription License                                                                                                         | D0A1CZX | 714,85 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Business Applications Install Advanced Support Subscription License                                                                                   | Z07DZZX | 714,85 | Assinatura                |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Employee User Value Unit from IBM FileNet Report Manager Employee UVU Trade Up License + SW Subscription & Support 12 Months                                     | D0CRFLL | 713,91 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Enterprise Edition CPU Option Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                | E08SLLL | 713,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced Processor Value Unit (PVU) from MQ Trade Up License + SW Subscription & Support 12 Months                                                                                     | D1GZWLL | 713,91 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS 5250 Applications on i Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                    | D03J9LL | 713,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS 5250 Applications on i Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                         | D03JBLL | 713,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for 5250 Applications on Multiplatforms Authorized User SW Subscription & Support Reinstatement 12 Months                                                                   | D03J1LL | 713,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Referenced Programs via FTP Logs Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                     | D223QLL | 713,91 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Saas for US Federal 100 Gigabytes Pay Per Use                                                                                                 | D1Q0KLL | 711,85 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Standard Terabyte Transmitted Advanced Support per Annum                                                                                                                  | E0EGPZX | 709,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Plus User Instance Pay Per Use                                                                                                                                           | D213CLL | 709,28 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Automated Network Observability Managed Device Trade Up from IBM SevOne Network Performance Management Managed Device License + Software S&S 12 Months                             | D0GGKZX | 709,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector HSA Feed LIC + SW S&S 12 MO                                                                                                                            | D0BITZX | 709,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector LAB Feed LIC + SW S&S 12 MO                                                                                                                            | D0BJDZX | 709,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months | D0YQ5LL | 709,21 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Cursive Recognition Processor Value Unit (PVU) Monthly License                                                                                                                    | D1JYGLL | 708,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere DataStage and QualityStage Designer Workgroup Edition Concurrent User Monthly License                                                                                          | D19HYLL | 708,58 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | TRIRIGA Workplace Performance Mgmt Projects for Non-Prod Environment Install Advanced Support Subscription License                                                                            | Z07EAXX | 708,58 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix WRKGRP EDition User Option Authorized User Single Install Annual SW Subscription & Support Renewal                                                                               | E08STLL | 707,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                  | D1GZVLL | 707,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Asset Manager Enterprise Edition Collaborator Authorized User Single Install Annual SW Subscription & Support Renewal                                                            | E07RULL | 707,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Assurance User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                  | D093ZLL | 707,81 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0H1QLL | 707,81 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Japanese Language Extractor Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months                                          | D0ECDLL | 707,81 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Japanese Language Extractor Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                                       | E09J1LL | 707,81 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM VIDEO STREAMING - SILVER EDITION INSTANCE PER MONTH                                                                                                                                          | D1TDKLL | 704,73 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Single Client View per Authorized User Annual SW Subscription & Support Renewal                                                                                                        | E0N73LL | 703,56 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Standard Edition Modernization Reserved Virtual Processor Core Extended Support Subscription Lic                                                                                         | X09GVZX | 702,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Standard Edition Modernization Virtual Processor Core Extended Support Subscription License                                                                                              | X03QCZX | 702,31 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM DevOps for IBM Cloud Paks Resource Unit Subscription License                                                                                                                                 | D28GGLL | 702,31 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet ISRA View Edition Non-Production Server Monthly License                                                                                                                              | D1D8ULL | 702,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure File Transfer-Essentials Edition for Non-Production Environment Connection Monthly License                                                                                            | D22IELL | 702,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Professional Authorized User Extended Support Subscription License                                                                                                           | X283KLL | 702,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Open XL Fortran for AIX Virtual Processor Core Monthly License                                                                                                                                   | D29CILL | 702,31 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Object Storage System Terabyte SW Subscription & Support Reinstatement 12 Months                                                                                                       | D1MSBLL | 701,71 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM StepZen Graph Server Enterprise Add on Million API Calls Advanced Support per Annum                                                                                                          | E0GF3ZX | 699,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Authorized User License + SW Subscription & Support 12Months                                                                  | D08KUZX | 698,54 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Non-Production Environments Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                         | D0L2NLL | 698,54 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub Advanced Edition Limited Use Resource Value Unit License + SW Subscription & Support 12 Months                                              | D16G6LL | 698,54 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution for JD Edwards EnterpriseOne Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                         | D08EZLL | 698,54 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Retail Store Server Starter Edition Client Device SW Subscription & Support Reinstatement 12 Months                                                                                          | D096ILL | 698,54 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Retail Store Server Starter Edition with Informix Database Client Device SW Subscription & Support Reinstatement 12 Months                                                                   | D096MLL | 698,54 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Watson IoT Platform Device Attach Enhanced Support 1000 Client Devices, SW Support 12 Months                                                                                                 | D1TFCLL | 698,54 | Permanente com Manutenção |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Standard Edition Terabyte Transmitted Terabyte Transmitted Advanced Support per Annum                                                          | E0EGRZX | 698,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud process runtime environment Authorized User Monthly Subscription w/ Support per Month                                                             | D1NHQLL | 696,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Additional Memory 16 Gigabytes per Month                                                                                     | D1I0LL  | 696,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud for US Federal Occasional Enterprise User Authorized User Subscription per Month                      | D1UN3LL | 696,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Occasional Enterprise User Authorized User Subscription per Month                                     | D1UMNLL | 696,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Occasional Enterprise User Authorized User per Month                                                  | D1QHLL  | 696,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud for US Federal (TRIRIGA) Occasional Enterprise User Authorized User per Month                                   | D1R5RLL | 696,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Automation Decision Services Ten Thousand Monthly API Calls Monthly License                                                                                    | D0DL7ZX | 696,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Application Optimization Module for IBM DataPower Gateway Virtual Edition Processor Value Unit License + Software Subscription & Support 12 Months                 | D1B0JLL | 695,44 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Application Server per Virtual Processor Core Monthly License                                                                                        | D1NZ8LL | 694,17 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Employee User Value Unit License + SW Subscription & Support 12 Months                                                                   | D14I8LL | 692,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Monitoring Add On for IBM Retail Store Server Client Device License + SW Subscription & Support 12 Months                                                      | D25NGLL | 692,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management PA 10 Managed Client Devices from ITNCM Configuration Standard Basic Device Resource Trdup Lic + SW S&S 12 Mo | D15KPLL | 692,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management PA 10 Managed Client Devices From ITNCM Smartmodel Basic Device Resource Trdup Lic + SW S&S 12 Mo             | D15KQLL | 692,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management PA 10 Managed Client Devices From ITNM Network Basic Device Tier Resource Trdup Lic + SW S&S 12 Mo            | D15KNLL | 692,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management PA 10 Managed Client Devices from NNM Configuration Standard Basic Device Trdup Lic + SW S&S 12 Mo            | D15JFLL | 692,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management PA 10 Managed Client Devices from NNM Network Basic Device Trdup Lic + SW S&S 12 Mo                           | D15JELL | 692,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management PA 10 Managed Client Devices From NNM Smartmodel Basic Device Resource Trdup Lic + SW S&S 12 Mo               | D15JGLL | 692,91 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SLA Manager Authorized User Annual SW Subscription & Support Renewal                                                                                           | E04QXLL | 692,91 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentran from Gentran Director Pro Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months                                                  | D0J3ZLL | 692,91 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Control Desk on Cloud Authorized User PER MONTH                                                                                                                               | D0TDELL | 690,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Dedicated Node Data Increment Non Production 500 Gigabytes Advanced Support 12 Months                                                          | E0E39ZX | 690,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for US Federal Saas Flex Limited Use Authorized User Overage                                                                                                       | D1V20LL | 690,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Life Sciences Add-on Saas Flex Concurrent User Overage                                                                                                             | D1UK0LL | 690,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex Express Use Concurrent User Subscription per Month                                                                                                       | D1V1CLL | 690,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex Limited Use Authorized User Overage                                                                                                                      | D1V19LL | 690,21 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Controller Administrator per Authorized User Advanced Support Subscription License                                                                                     | Z29V1LL | 689,77 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Economics Solution Set Employee User Value Unit Monthly License                                                                                                   | D1DBRLL | 689,77 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Open Data for Industries Cartridge for IBM Cloud Pak for NP Reserved Virtual Processor Core Advanced Support Subscription License                                             | Z09JQZX | 689,77 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Suite Terabyte (1251-2000) Monthly License                                                                                                                    | D1IMCLL | 689,77 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational ClearQuest MultiSite Floating User Monthly License                                                                                                                   | D1BFXLL | 689,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Connect-Express Standard Edition Non-Production Environment Simultaneous Session Monthly License                                                                     | D1YK2LL | 689,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Life Sciences Add On Concurrent User Monthly License                                                                                                               | D1R7PLL | 688,44 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Linear Asset Manager Concurrent User Monthly License                                                                                                                   | D1R6NLL | 688,44 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM API Connect Enterprise Non Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                            | D1N8KLL | 687,89 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Application Server Advanced Edition Processor Value Unit (PVU) from Connect Application Server Edition PVU Trade Up License + SW Subscription & Support 12 Months | D0BDQLL | 687,89 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Content Management System Monitor Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                                       | D04JWLL | 687,89 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix WRKGRP Edition CPU Option Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                               | D0D1ZLL | 687,89 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Integration for Non-Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                        | E0DL4LL | 687,89 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Express Cognos Analytics Consumer User Authorized User Annual SW Subscription & Support Renewal                                                            | E09T2LL | 687,89 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for 5250 Applications, Concurrent User Annual SW Subscription & Support Renewal                                                                                  | E055ALL | 687,89 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Enterprise for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                           | E0BWXML | 687,89 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition per Entity ID Software Subscription and Support Renewal 12 Months                                                      | E0QPFL  | 687,11 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Professional on Cloud Additional Flows Instance Overage                                                                                                           | D1YD4LL | 683,99 | Saas                     |



|      |    |                                                |      |      |                                                                                                                                                                    |         |        |                          |
|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Services Integral SDS Connector to Centra Resource Value Unit Monthly License                                                                    | D1D8LLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Services Integral SDS Connector to HCAP Resource Value Unit Monthly License                                                                      | D1D93LL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Services Integral SDS Connector to IBM DR550 Resource Value Unit Monthly License                                                                 | D1D8TLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Services Integral SDS Connector to SnapLock Resource Value Unit Monthly License                                                                  | D1D8KLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Services Integral SDS Connector to Sun 5x20 CAS Resource Value Unit Monthly License                                                              | D1D8SLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet IS Conn to Non FileNet Optical Resource Value Unit Monthly License                                                                                     | D1D9ILL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet IS Connector to DR550 Storage & Retrieval Resource Value Unit Monthly License                                                                          | D1D8PLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet IS Connector to Centera Storage & Retrieval Resource Value Unit Monthly License                                                                        | D1D8QLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet IS Connector to Magnetic Storage & Retrieval Resource Value Unit Monthly License                                                                       | D1D8NLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet IS Connector to Snaplock Storage & Retrieval Resource Value Unit Monthly License                                                                       | D1D8MLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet IS Connector to Sun 5x20 CAS Storage & Retrieval Resource Value Unit Monthly License                                                                   | D1D8RLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet P8 Connector to EMC Isilon Resource Value Unit Monthly License                                                                                         | D1D74LL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet P8 Connector to DR550 Storage & Retrieval Resource Value Unit Monthly License                                                                          | D1G0QLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet P8 Connector to Centera Storage & Retrieval Resource Value Unit Monthly License                                                                        | D1G0RLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet P8 Connector to Snaplock Storage & Retrieval Resource Value Unit Monthly License                                                                       | D1G0SLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Nuclear Power Add on Authorized User Monthly License                                                                                                | D18R7LL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Oil and Gas Add on Authorized User Monthly License                                                                                                  | D18RCLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Transportation Add on Authorized User Monthly License                                                                                               | D18RGLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Utilities Add on Authorized User Monthly License                                                                                                    | D18RKLL | 683,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Build Forge Access Authorized User Monthly License                                                                                                    | D1BHNLL | 682,69 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Add-On Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                                           | D04GMLL | 682,24 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Custom Domain Hub - Standard Edition for Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal | E0CY9LL | 682,24 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub - Standard Edition for Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal  | E0CYCLL | 682,24 | Manutenção após Vigência |

|      |    |                                                |      |      |                                                                                                                                                                 |         |        |                           |
|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Enterprise Edition User Value Unit License + SW Subscription & Support 12 Months                                             | D1L2MLL | 677,74 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Raw Terabyte Storage Resource Value Unit SW Subscription & Support Reinstatement 12 Months                      | D20J4LL | 677,22 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 Warehouse for IBM Cloud Pak for Data Virtual Processor Core Subscription License             | D08MKZX | 677,22 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Workgroup Edition for Non-Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D16IJLL | 677,22 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite Software Disaster Recovery 100 Resource Unit Monthly License                                                                          | D0AEJZX | 677,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Protect Plus for IBM Cloud Pak for Multicloud Management Terabyte Monthly License                                                                  | D04MLZX | 677,22 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Appeals Authorized User Annual SW Subscription & Support Renewal                                                                                      | E0E61LL | 671,59 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Integration for Enterprise Per Processor Value Unit (PVU) Monthly License                                                                              | D1RH8LL | 671,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Asset Management Anywhere on Cloud for US Federal (Maximo) Add-On Concurrent User per Month                                                      | D1MESLL | 671,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Anywhere Add-On Saas Flex Concurrent User Subscription per Month                                                                                 | D1UHGLL | 671,55 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                               | E0RCHLL | 671,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM API Connect Enterprise Non Production PVU from API Connect Professional Non-Production PVU Trade-Up License + SW S&S 12 Months                              | D1PT1LL | 671,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Foundation Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                      | E0HQTL  | 671,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Content Collector Edition Authorized User Value Unit Annual SW Subscription & Support Renewal                                            | E0F86LL | 671,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Option Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                           | D55PILL | 671,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Option zSeries (S/390) Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                           | D55PKLL | 671,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Option Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                | D55PMLL | 671,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Option zSeries (S/390) Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                | D55PPLL | 671,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix C-ISAM Concurrent Session SW Subscription & Support Reinstatement 12 Months                                                                        | D6DHALL | 671,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Option Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                        | D55RYLL | 671,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Option zSeries (S/390) Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                        | D55SOLL | 671,21 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Workgroup Edition for Non Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                        | D0IQGLL | 671,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Basic Edition for Non - Production Environment Processor Value Unit (PVU) Trade Up from IBM Sterling Gentran for Non - Production Environment Processor Value Unit (PVU) Trade Up License + SW Subscription & Support | D086LZX | 671,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring Resource Value Unit Annual SW Subscription & Support Renewal                                                                                                                                                                | E0BLKLL | 671,21 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Instana Observability Self-Hosted Managed Virtual Server Subscription License                                                                                                                                                                 | D29RTL  | 670,95 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Suite Server Capacity Resource Value Unit Monthly License                                                                                                                                                                        | D1VP5LL | 670,95 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery CRTG for IBM CPD Additional Capacity for NPE Reserved 8 Virtual Processor Core Advanced Support Subscription Lic                                                                                                             | Z09NGZX | 670,95 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | MongoDB Enterprise Advanced with IBM Non Production Virtual Server Advanced Support Subscription Lic                                                                                                                                              | Z26E6LL | 670,95 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Store Edition Mega Certified Container Resource Value Unit Advanced Support Subscription License                                                                                                               | Z28LWLL | 670,95 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Elite Support for Rocket Git for zOS per Authorized User, Unlimited Contacts SW Support 12 Months                                                                                                                                             | D226QLL | 666,57 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog Manager for Customers-Trading Partner Access-Entity ID per Month                                                                                                                         | D014JZX | 665,34 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Add-On Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                                               | D1AERLL | 665,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Add-On Starter Pack Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                                | D1AUSLL | 665,09 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Upgrade Environment Processor Value Unit License + SW Subscription & Support 12 Months                                                                                                                                                   | D29MALL | 665,09 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Copy Manager for IBM Spectrum Virtualize Storage Device Subscription License                                                                                                                                                                  | D0DFWZX | 664,68 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Secure File Transfer-Standard Edition for Non-Production Environment Connection Subscription License                                                                                                                                          | D28L5LL | 664,68 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Discover and Classify for Structured Data per Resource Value Unit (MVS) Subscription License                                                                                                                                         | D0CEXZX | 664,68 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Developer for i RPG & COBOL Tools Floating User Single Install Monthly License                                                                                                                                                       | D1BK4LL | 664,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted VPC Flex Paygo Virtual Processor Core Pay Per Use                                                                                                                                                                                  | D1W87LL | 663,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet P8 Cloud Storage Connector to OpenStack-enabled devices Resource Value Unit Monthly License                                                                                                                                           | D1D75LL | 662,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet P8 Connector to EMC Atmos Resource Value Unit Monthly License                                                                                                                                                                         | D1D7BLL | 662,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet P8 Connector to Hitachi Content Platform Resource Value Unit Monthly License                                                                                                                                                          | D1D6VLL | 662,59 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet P8 Connector to S3-enabled devices Resource Value Unit Monthly                                                                              | D1W7NLL | 662,59 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Archival Storage Add-On per Terabyte per Month                                                                                         | D1WNALL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect Fifty Thousand Events per Month                                                                                              | D01SYZX | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Verify 100 Eligible Participant per Month                                                                                            | D1W9SLL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Video Logistics Manager Additional Asset Pack 100 Asset per Month                                                                             | D1UDKLL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Archival Storage Add-On Terabyte Monthly Subscription with Support                                                         | D1VF3LL | 659,12 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Observability by Databand Self-Hosted Resource Unit Subscription License                                                                       | D0BV2ZX | 659,12 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Eng Requirements Management DOORS Next Saas 100 Gigabytes Pay Per Use                                                                               | D1L8XLL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Eng Requirements Management DOORS Next Saas for US Federal 100 Gigabytes Pay Per Use                                                                | D1MJILL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas 100 Gigabytes Pay Per Use                                                                                | D1L8TLL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas Data Storage 100 Gigabytes                                                                               | D1VGULL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas for US Federal 100 Gigabytes Pay Per Use                                                                 | D1MHSSL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas 100 Gigabytes Pay Per Use                                                                            | D1L8WLL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas Data Storage 100 Gigabytes Overage                                                                   | D1VGULL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas for US Federal 100 Gigabytes Pay Per Use                                                             | D1MJXLL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Saas for US Federal 100 Gigabytes Pay Per Use                                               | D1MK0LL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Saas for US Federal 100 Gigabytes Pay Per Use                                                     | D1MK3LL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Saas 100 Gigabytes Pay Per Use                                                                                          | D1L8VLL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Saas for US Federal for US Federal 100 Gigabytes Pay Per Use                                                            | D1MICLL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Saas 100 Gigabytes Pay Per Use                                                                          | D1PZVLL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Saas 100 Gigabytes Pay Per Use                                                                                      | D1L8ULL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Saas for US Federal 100 Gigabytes Pay Per Use                                                                       | D1MI6LL | 659,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rhapsody Design Manager on Cloud 100 Gigabytes Pay Per Use                                                                                          | D1L8ZLL | 659,12 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub Advanced Edition Lmt'd Use Resource Value Unit SW Subscription & Support Reinstatement 12 Months | D16F4LL | 658,99 | Manutenção após Vigência |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub Standard Edition Lmt'd Use Resource Value Unit License + SW Subscription & Support 12 Months         | D16F1LL | 658,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management 10 Managed Client Devices License + SW Subscription & Support 12 Months                                | D1428LL | 658,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Provisioning Manager for Images System X Edition Server Annual SW Subscription & Support Renewal                                                 | E08LCLL | 658,99 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Assure 100 Connections per Annum                                                                                                      | D2038LL | 658,92 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Standard 100 Connections per Annum                                                                                             | D2005LL | 658,92 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | GitLab Ultimate for IBM Cloud Paks Authorized User Subscription License                                                                                     | D29J5LL | 658,41 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Enterprise Edition Special Edition Virtual Processor Core Advanced Support Subscription License                                      | Z080FZX | 658,41 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas for US Federal Concurrent User Advanced Support per Month                                                | E0E6MZX | 652,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Business Premium Support 10 Client Devices Overage                                                                                 | D1WGALL | 652,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Retail Premium Support 100 Client Devices Overage                                                                                  | D1WG6LL | 652,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Microsoft Office Authorized User Value Unit License + SW Subscription & Support 12 Months            | D1G7NLL | 652,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Permanent Redaction Authorized User Value Unit License + SW Subscription & Support 12 Months         | D1HIGLL | 652,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Enterprise Server Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months      | D1CDILL | 652,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Enterprise Server Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D1CECLL | 652,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Enterprise Server Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                      | D1CBILL | 652,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Change Data Delivery for Non-Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months            | D0B74LL | 652,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SmartCloud Monitoring per Virtual Server Annual SW Subscription & Support Renewal                                                                       | E0DFJLL | 652,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Enterprise Edition Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal               | E0BVXLL | 652,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Connection License + SW Subscription & Support 12 Months                                                                | D0J3ILL | 652,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Supply Chain EDI Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                          | D1L4TLL | 652,89 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Administrator Cartridge for Cloud Pak for Data Authorized User Advanced Support Subscription License                                   | Z03GUZX | 652,14 | Saas                      |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Administrator Modernization Authorized User Advanced Support Subscription License                                                     | Z03CJZX | 652,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Standard Edition Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Extended Support Subscription Lic                            | X09GSZX | 652,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Standard Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core Extended Support Subscription License                                 | X03GDZX | 652,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QMF Analytics for Multiplatforms Authorized User Monthly License                                                                                       | D226FLL | 652,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Control Standard Edition Storage Capacity Unit (251-500) per Month                                                                            | D1N4RLL | 652,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | InfoSphere Optim Test Data Management Enterprise Edition Accelerator for Oracle Applications Processor Value Unit (PVU) Monthly License                    | D0B9VZX | 652,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Open XL Fortran for Linux on Power Virtual Processor Core Monthly License                                                                                  | D0BEMZX | 652,14 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Professional Authorized User License + SW Subscription & Support 12 Months                                                         | D0QTJLL | 650,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Income Support for Medical Assistance Professional Authorized User License + SW Subscription & Support 12 Months                                 | D0QUHLL | 650,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Life Event Management Professional Authorized User License + SW Subscription & Support 12 Months                                                 | D0S65LL | 650,27 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Edge Application Manager BASE Install Annual SW Subscription and Support Renewal 12 Months                                                             | E0BKGZX | 650,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                               | D0EJELL | 646,80 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integrated Analytics storage 100 Gigabytes per Month                                                                                             | D1Q3DLL | 646,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Premium Transcode Instance per Month                                                                                      | D1Q8NLL | 646,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect Managed DNS Resource Unit Overage                                                                                                          | D0GNLZX | 646,68 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Manager On-Premises for Server per Managed Virtual Server License + SW Subscription & Support 12 Months                      | D220ALL | 645,87 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Supply Chain EDI for Red Hat OpenShift Virtual Processor Core Extended Support Royalty Subscription License  | X28KNLL | 645,87 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Fusion Advanced Enterprise Virtual Processor Core Subscription License                                                                         | D09PXZX | 645,87 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Enhanced Retention Management Multiplatforms Processor Value Unit (PVU) Annual SW Subscription & Support Renewal              | E066RLL | 645,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Report Distribution Multiplatforms Processor Value Unit (PVU) from Competitor Competitive Trade Up License + SW S&S 12 Months | D0IQSLL | 645,25 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Investigation Business Intelligence and Analytics Add-on Authorized User License + SW Subscription & Support 12 Months             | D1NFWLL | 645,25 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for Multiplatforms, Authorized User Annual SW Subscription & Support Renewal                                                              | E055DLL | 645,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for Multiplatforms, Authorized User for System z, Annual SW Subscription & Support Renewal                                                | E055FLL | 645,25 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Central Site Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                  | E02T4LL | 645,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Version Control Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                        | D29LMLL | 645,25 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Requirements Management DOORS Next Contributor Authorized User Single Install Monthly License                                          | D1BJGLL | 643,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Contributor Authorized User Single Install Monthly License                                                             | D1BIZLL | 643,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Authorized User Single Install Monthly License                                                         | D1BLDLL | 643,21 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Base Virtualization Software Storage Capacity Unit (2001+) Annual SW Subscription & Support Renewal 12 Months                                      | E0MQJLL | 639,60 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Express User Authorized User Monthly License                                                                                                | D17MQLL | 639,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Office Connect Professional Web Edition User Annual SW Subscription & Support Renewal                                                              | E00Q9LL | 639,60 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli System Automation Application Manager for zOS Adapter Processor Value Unit (PVU) License + SW Subscription & Support 12 Months              | D03KFLL | 639,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere eXtreme Scale Processor Value Unit (PVU) from Qualified Competitor Trade Up License + SW Subscription & Support 12 Months                | D0A4NLL | 639,60 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Management For Scheduler Authorized User Monthly License                                                                              | D1D2GLL | 638,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Amos Authorized User Monthly License                                                                                                          | D17SVLL | 638,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Amos for zEnterprise BladeCenter Extension Authorized User Monthly License                                                                    | D17X0LL | 638,18 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Enterprise - Production Edition Processor Value Unit Annual SW Subscription & Support Renewal 12 Months                  | E0RBULL | 634,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Express User Workspace Add-On Authorized User Annual SW Subscription & Support Renewal                                                      | E0N8FLL | 634,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Desk Internal Service Provider Edition Authorized User Annual SW Subscription & Support Renewal                                            | E0CY8LL | 634,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center CPLEX Server for Non Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months         | E0MI5LL | 634,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer Deployment Limited Use Edition Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months    | D1QXXLL | 634,58 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer Deployment Limited Use Edition Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0N6ELL | 634,58 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                        | D55V1LL | 634,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                     | E09P7LL | 634,58 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for SAP Applications per Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                 | D1PT4LL | 634,58 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for Managed Service Provider Add-on Saas Flex Concurrent User Subscription per Month                                                                    | D1UJ6LL | 634,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Nuclear Add-on Saas Flex Concurrent User Subscription per Month                                                                                         | D1UK3LL | 634,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Oil and Gas Add-on Saas Flex Concurrent User Subscription per Month                                                                                     | D1UK7LL | 634,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Transportation Add-on Saas Flex Concurrent User Subscription per Month                                                                                  | D1UJRL  | 634,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Utilities Add-on Saas Flex Concurrent User Subscription per Month                                                                                       | D1UKBLL | 634,25 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Reserved Subscription License Upgrade                                                                  | D0A2TZX | 633,33 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Subscription License Upgrade                                                                           | D0A2IZX | 633,33 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Security QRadar Suite Software 100 Resource Unit Subscription License Upgrade                                                                                      | D0AE6ZX | 633,33 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Reserved 100 Resource Unit Subscription License Upgrade                                                                             | D0AMGZX | 633,33 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Open XL C/C++ for AIX Virtual Processor Core Monthly License                                                                                                           | D29CFLL | 633,33 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational HATS for Multiplatform Processor Value Unit (PVU) Monthly License                                                                                         | D1BUDLL | 632,44 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Sterling Secure Proxy Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License                         | D28KZLL | 631,71 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Availability - Db2 Warehouse Virtual Processor Core SUBSCRIPTION LICENSE                                                                      | D04QXZX | 631,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard for Non-Prod Container Edition Resource Value Unit Trade Up License                                                   | D09ZCZX | 629,27 | Upgrade com Manutenção    |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Editor Authorized User Advanced Support per Annum                                                                                                   | E0E8EZ  | 629,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera faspio Client 100 Install License + SW Subscription & Support 12 Months                                                                                     | D26FWLL | 628,48 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise Service Bus Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                  | E0NUALL | 628,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Custom Domain Hub - Advanced Edition for Non-Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal | E0CZNLL | 628,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub - Advanced Edition for Non-Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal  | E0CZ9LL | 628,48 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Software Architect Design Reviewer Authorized User Single Install Annual SW Subscription & Support Renewal                                                | E0CA2LL | 628,48 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Premium Availability for Additional Process Environment Concurrent User per Month                                                | D1ZXDLL | 628,03 | Saas                      |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Availability - Db2 Database Virtual Processor Core Extended Support Subscription License                                         | X04QTZX | 627,06 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Bot Runner Virtual Server Extended Support Subscription License                                   | X267GLL | 627,06 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Software Store Edition Small for Red Hat OpenShift Resource Value Unit Monthly License                                      | D26RMLL | 627,06 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for SAP Applications for Red Hat OpenShift Virtual Processor Core Extended Support Royalty Subscription License | X28KJLL | 624,55 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation with WDG Automation Environment per Virtual Server Extended Support Subscription License                                   | X299ULL | 622,68 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Lifecycle Management Base Stakeholder Authorized User Single Install Annual SW Subscription & Support Renewal                             | E0F7BLL | 622,39 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Workflow Management Stakeholder Authorized User Single Install Annual SW Subscription & Support Renewal                                   | E0AMLLL | 622,39 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Content Collector Edition Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                    | D1AZ5LL | 622,39 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SE Runtime Concurrent Session Annual SW Subscription & Support Renewal                                                                       | E00RWLL | 622,39 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (2001+) Annual SW S&S Renewal                                                                               | E0HVELL | 622,39 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (2001+) Annual SW S&S Rnwl                                                                       | E0HV7LL | 622,39 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Professional on Cloud Additional Flows Instance per Month                                                                                 | D1YD2LL | 621,81 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Equipment Maintenance Assistant Saas Non-Production Authorized User Pay Per Use                                                                | D01EVZX | 621,81 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect DNS Insights Job per Month                                                                                                                | D0GN7ZX | 621,81 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Resource-Document Conversion Service-World Wide Fax Lines-Connection Per Month                                    | D00B6ZX | 621,81 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising AddOn API Calls Million API Calls per Month                                                                            | D0H0VZX | 621,81 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Engagement - Advanced Thousand Registrations per Month                                                                         | D1RDHLL | 621,81 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Engagement - Essentials Thousand Registrations Overage                                                                         | D1RDGLL | 621,81 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Aspera Files Personal Edition Terabyte per Annum 1200 Terabytes Advanced Support per Annum                                                                | E0DV0ZX | 621,48 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Assessment and Planning Professional per Authorized User Annual SW Subscription & Support Renewal                                               | E0N7FLL | 618,28 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise NPE Cartridge for IBM Cloud Pak for Data 100 Thousand Documents Extended Support Subscription License                     | X28NCLL | 618,28 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Modernization Reserved Authorized User Subscription License                                                                 | D09J1ZX | 617,66 | Assinatura               |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Modernization Authorized User Subscription License                                                                                             | D03D8ZX | 617,36 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer for Non-Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                     | D0TKYLL | 616,28 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Privacy for Hadoop Install per Install SW Subscription & Support Reinstatement 12 Months                                                                 | D12R6LL | 616,28 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution for Oracle Applications Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                      | D0Z3CLL | 616,28 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Suite per AppPoint Subscription License                                                                                                 | D05KSZX | 615,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Software Suite Volume Terabyte Subscription License                                                                                                              | D28WNLL | 615,93 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Aspera High-Speed Transfer Service per Annum Terabyte Advanced Support per Annum                                                                                             | E0EDDZX | 615,60 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Subscription, Base Edition Authorized User Per Month                                                                                                     | D1QWVLL | 615,59 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Stakeholder Floating User Single Install Monthly License                                                                                 | D1BLJLL | 615,22 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Health, Safety and Environment Manager Add-on Saas Flex Concurrent User Subscription per Month                                                                | D1UJELL | 614,98 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Saas for US Federal Authorized User Overage                                                                                  | D1Q0LLL | 614,33 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Automation Virtual Processor Core Monthly License                                                                                                              | D05K8ZX | 613,26 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User per Processor Value Unit (PVU) Monthly License                                                                                                     | D17NTLL | 610,76 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Fusion Advanced Virtual Processor Core Annual SW Subscription & Support Renewal                                                                                  | E0ER6ZX | 610,18 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | EDB Postgres Advanced Server with IBM Non Production Virtual Processor Core Subscription License                                                                             | D26GPLL | 610,14 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium Vulnerability Assessment for Databases Resource Value Unit (MVS) Subscription License                                                                  | D299HLL | 609,47 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas Concurrent User Advanced Support per Month                                                                                | E0E6QZX | 608,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Enterprise 1000 MAU Active User Pay per Use                                                                                                             | D04X2ZX | 607,95 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Standard Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                             | E0BW1LL | 607,63 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on B2B Integrator Standard Edition for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D0J06LL | 607,63 | Manutenção após Vigência |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise Tier Reserved Instance Million API Calls Advanced Support per Annum                                                                               | E0EABZX | 606,60 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics as a Service Add on Storage 512 Gigabyte Advanced Support per Month                                                                                   | E0GYPZX | 606,27 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ on Cloud Virtual Processor Core Advanced Support per Month                                                                                                            | E0DUVZX | 603,16 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 With BLU Acceleration Pattern Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                    | E0K5ILL | 602,29 | Manutenção após Vigência |

|      |    |                                                |      |      |                                                                                                                                                                                  |         |        |                           |
|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Network Manager Managed Device SW Subscription & Support Reinstatement 12 Months                                                                                             | D28V8LL | 602,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 65-100 Annual SW Subscription & Support Renewal                                                                                        | E0LUGLL | 602,29 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Enterprise Edition for SAP Applications Processor Value Unit (PVU) Monthly License                                                             | D1G54LL | 600,10 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Suite for IBM Cloud Paks Standard Edition Virtual Processor Core Subscription License                                                                                | D27FLL  | 599,42 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Federation Module Non-Production per Processor Value Unit Annual SW Subscription & Support Renewal                                    | E0LLKLL | 598,59 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Software Suite Volume Terabyte Subscription License Upgrade                                                                                                          | D0704ZX | 597,99 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Cartridge for IBM Cloud Pak for Data Authorized User SW Subscription and Support Renewal 12 Months                                                   | E03ILZX | 596,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Communications Server for Data Center Deployment Concurrent User SW Subscription & Support Reinstatement 12 Months                                                           | D0THKLL | 596,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix OnLine Extended Edition Registered User License + SW Subscription & Support 12 Months                                                                               | D51QYLL | 596,96 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Standard Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                      | D1K0WLL | 596,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Basic Edition for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                            | D12RNLL | 596,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Referenced Programs via FTP Logs Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D223CLL | 596,96 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Data Access Edition per Terabyte Annual SW Subscription & Support Renewal 12 Months                                                                            | E0PMGLL | 596,96 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas for US Federal Concurrent User Advanced Support per Month                                                                         | E0E6KZX | 596,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Manager for Server Managed Server Advanced Support 12 Months                                                                                       | E0E2BZX | 596,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant for Voice Interaction Cartridge IBM Cloud Pak for Data 10 Thousand Monthly Minutes Advanced Support Subscription License                                    | Z2690LL | 593,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant for Voice Interaction Cartridge IBM Cloud Pak for Data 10 Thousand Monthly Minutes Advanced Support Subscription License                                    | Z2691LL | 593,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Db2 Warehouse on Cloud Amazon Web Services PrivateLink Instance per Month                                                                                                        | D0233ZX | 593,21 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Enterprise as a Service 3 Asset per Annum                                                                                                                        | D0CXVZX | 592,97 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License                                                     | D28KTLL | 592,95 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudant for IBM Cloud Data Add-On 100 Gigabyte-Months Pay Per Use                                                                                                           | D1PI2LL | 591,86 | Saas                      |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Microsoft Office 1000 External Pack User Value Unit Annual SW Subscription & Support Renewal              | E0LHFL  | 591,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Permanent Redaction 1000 External Pack User Value Unit Annual SW Subscription & Support Renewal 12 Months | E0LQML  | 591,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Agile Service Manager Managed Virtual Network Device SW Subscription & Support Reinstatement 12 Months                            | D1TJDL  | 591,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced for Non-Production Environment Processor Value Unit (PVU) License + Software Subscription and Support 12 Months                                  | D052HZ  | 590,65 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Standard Activity Monitor for Data Warehouses Resource Value Unit Monthly License                                                          | D1FNUL  | 590,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Store Edition Small Resource Value Unit Monthly License                                                                            | D184QL  | 589,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo IT per AppPoint Subscription License                                                                                                                  | D0GKHZ  | 588,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Open XL C/C++ for Linux on Power Virtual Processor Core Monthly License                                                                                          | D0BEKZ  | 588,82 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Maximo Application Suite per AppPoint Subscription License                                                                                                   | D28B4L  | 623,93 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Virtual Storage Center Storage Capacity Unit (2001+) per Month                                                                                               | D1N52L  | 588,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR MSSP on Cloud Add-On (CU) Concurrent User Advanced Support 12 Months                                                                           | E0E9LZ  | 588,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Workload Automation on Cloud per 1,000 Jobs Overage                                                                                                          | D12WFLL | 586,99 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Workload Automation on Cloud Step up for existing Customers per 1,000 Job Overage                                                                            | D14Z6L  | 586,99 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security (Gen 3) 100 Resource Unit Subscription Upgrade License                                                                                | D05M4Z  | 586,93 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage for Non-Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                     | E04PLLL | 586,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Workgroup Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                   | E0BRZLL | 586,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Standard Edition Resource Value Unit License + SW Subscription & Support 12 Months                                                              | D0Q0KLL | 586,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (101-250) Annual SW Subscription & Support Renewal                                                               | E0LWILL | 586,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Testing Environment Processor Value Unit Annual SW Subscription & Support Renewal 12 Months                                                             | E0RBELL | 586,31 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Gate on Cloud Virtual Processor Core Extended Support Subscription Lic                                                                                  | X0H1JZX | 585,67 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation with WDG Automation Unattended Bot Agent per Concurrent Connection Advanced Support Subscription License                          | Z299VLL | 581,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Cartridge for IBM Cloud Pak for Data Authorized User Subscription License                                                          | D03HAZX | 581,47 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                  | E0MCWLL | 580,97 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Adaptive Access 100 Eligible Participant Overage                                                                                              | D021IZX | 580,15 | Saas                      |

|      |    |                                                |      |      |                                                                                                                                                   |         |        |                          |
|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Analyze 100 Eligible Participant Overage                                                                                       | D01XFZX | 580,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect 100 Eligible Participant Overage                                                                                       | D1X6RLL | 580,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Premium Reporting User Authorized User Overage                                                               | D02TAZX | 580,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted User Authorized User Overage                                                                                 | D01Z6ZX | 580,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for Files per Resource Value Unit (MVS) Extended Support Subscription License                               | X29ACLL | 580,04 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | B2B Module for IBM DataPower Gateway Virtual Edition Processor Value Unit Software Subscription & Support Reinstatement 12 Months                 | D1B0PLL | 578,92 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation as a Service Unattended Bot Agent Concurrent Connection Advanced Support per Month                                 | E0E6UZX | 578,28 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Event Analytics for Non-Production Environment 100 Events Per Second Advanced Support per Month                               | E0E00ZX | 578,28 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Community Development Services Partner Recruitment Service Entity ID On-Demand Setup                                    | D0MKALL | 578,28 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Community Development Services Partner Recruitment Service Entity ID Set Up                                             | D0MPTLL | 578,28 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Life Sciences Add-on Saas Flex Concurrent User Subscription per Month                                                              | D1UJZLL | 576,42 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Employee User Value Unit Annual SW Subscription & Support Renewal                                                    | E066PLL | 575,64 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Databases 10 Processor Value Units (PVUs) SW Subscription & Support Reinstatement 12 Months                               | D1IWDLL | 575,64 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Mail 10 Processor Value Units (PVUs) SW Subscription & Support Reinstatement 12 Months                                    | D1IVCLL | 575,64 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for SAN 10 Processor Value Units (PVUs) SW Subscription & Support Reinstatement 12 Months                                     | D1IVKLL | 575,64 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Requirements Management DOORS for HP Quality Center Interface Floating User Monthly License                                       | D1BQALL | 575,01 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault On-Premises for Business Users User Value Unit                                                                | D29SVLL | 574,29 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault On-Premises for Privileged Users User Value Unit                                                              | D29STLL | 574,29 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for US Federal Saas Flex Limited Use Authorized User Subscription per Month                                                        | D1V1ZLL | 573,94 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex Limited Use Authorized User Subscription per Month                                                                       | D1V18LL | 573,94 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Advanced Activity Monitor for Files Resource Value Unit Monthly License                                                     | D1GVNLL | 572,85 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender on DataPower (Virtual) Non-Production Processor Value Unit SW Subscription & Support Reinstatement 12 Months | D0BPFZX | 570,31 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication VSAM for Z/OS Remote Source Resource Value Unit Monthly License                                                              | D25ZDLL | 569,98 | Saas                     |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Processor Value Unit Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                                          | E0P3HLL | 569,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF License Scheduler Resource Value Unit License + SW Subscription & Support 12 Months                                                                    | D02Z1ZX | 569,92 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor for Transformation Extender Advanced Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                  | D1VBZLL | 568,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Enterprise Server Edition for Non-Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                | E0NNZLL | 568,12 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Field Services User per Concurrent User Overage                                                            | D20EFLl | 565,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud for US Federal (TRIRIGA) Field Services User per Concurrent User Overage                                             | D20EJLL | 565,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Explorer per Authorized User Overage                                                                                                             | D1RJBLL | 565,85 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Professional Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                             | E09RJLL | 565,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Unlimited Edition for System i Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                 | D58B8LL | 564,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Scale Backup Terabyte Annual SW S&S Rnwl                                                                                                                    | E0DSNZX | 564,99 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Management Managed Service Providers Limited Use Authorized User Monthly License                                                                       | D18QYLL | 564,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Calibration Concurrent User Monthly License                                                                                                                  | D1R7XLL | 564,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Services Director Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                        | E04PFLl | 564,46 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Enterprise Edition Processor Value Unit (PVU) Monthly License                                                                         | D19J0LL | 561,36 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Natural Language Processing Library for Embed 250,000 Monthly API Calls Subscription License Upgrade                                                         | D0CUAZX | 561,22 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Watson Text to Speech Library for Embed (12,500,000) Monthly Characters Subscription License Upgrade                                                                | D0CXZZX | 561,22 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Process Automation Manager Open Edition Virtual Processor Core Extended Support Subscription License                                                                | X0BF2ZX | 560,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Remediation For Business 10 Eligible Participants Advanced Support 12 Months                                                                       | E0DWDZX | 559,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Instana Observability Managed Virtual Server Overage                                                                                                                | D04Y1ZX | 559,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Customer Transaction Manager-Entity ID Overage                                                                         | D014RZX | 559,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Supplier Transaction Manager-Entity ID Overage                                                                         | D0151ZX | 559,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS Transaction Gateway Desktop Edition Authorized User Trade Up from CICS Universal Client 10 Processor Value Units License + SW Subscription & Support 12 Months | D0G86LL | 559,58 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management PA 10 Managed Client Device SW S&S Reinstat 12 Mo                                                                  | D15JDLL | 559,58 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for File Systems for Non-Production Environment Processor Value Unit Annual SW Subscription & Support Renewal                             | E0J1YLL | 557,70 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Microsoft SharePoint for Non-Production Environment Processor Value Unit Annual SW Subscription & Support Renewal                     | E0J22LL | 557,70 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Floating User Single Install Monthly License                                                     | D1BQPLL | 557,46 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Floating User Single Install Monthly License                                            | D1BR3LL | 557,46 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM B2B Gateway Pack Processor Value Unit (PVU) Monthly License                                                                                                 | D1YIPLL | 556,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Records Foundation Add-On 1000 External Pack User Value Unit Monthly License                                                                     | D1DBZLL | 555,58 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Tivoli Composite Application Manager for Applications Single Agent Resource Value Unit Monthly License                                               | D18YWLL | 555,58 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM z/TPF Limited License for Development and Test Resource Value Unit Subscription License                                                                     | D29BTLL | 554,91 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Authorized User Annual SW Subscription & Support Renewal 12 Months                                                                  | E0M6ALL | 554,32 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Enterprise User Value Unit from IBM Security Verify Governance Compliance Trade Up License + SW Subscription & Support 12 Months | D29GJLL | 554,32 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Employee User Value Unit Annual SW Subscription & Support Renewal                                                             | E0KDZLL | 552,82 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Starter Pack Authorized User Value Unit Annual SW Subscription & Support Renewal                                              | E0KE3LL | 552,82 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Indoor Maps - 2,350 SQM Per Item Monthly License                                                                                                    | D06M1ZX | 552,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Indoor Maps - 25,000 SQ FT Per Item Monthly License                                                                                                 | D06M5ZX | 552,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Standard Activity Monitor for Big Data Resource Value Unit Monthly License                                                                | D1FNJLL | 551,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Architecture Room Live for Rational Software Architect Designer Floating User Single Install Monthly License                                                | D20UYLL | 549,17 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Automation Decision Services Ten Thousand Monthly API Calls Subscription License                                                                            | D0DL8ZX | 547,43 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Management add-on for Alert Notification Thousand Digital Messages Overage                                                                      | D00TLZX | 547,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for EnterpriseDB Virtual Processor Core Pay per Use                                                                                         | D02LQZX | 547,16 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Mobile Analytics Premium for Cloud Instance Pay Per Use                                                                                                     | D1X16LL | 547,16 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure Gateway Professional for IBM Cloud Instance Pay Per Use                                                                                              | D1SKZLL | 547,16 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Requirements Management DOORS Web Access Editor Authorized User Monthly License                                                                 | D1BQ4LL | 546,80 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Software Architect Designer Extension for Integrated Architecture Frameworks Authorized User Monthly License                                       | D1BKELL | 546,80 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational SoftwareArchitect Designer Extension for Deployment Planning Authorized User Monthly License                                                       | D1BKILL | 546,80 | Saas                     |

|      |    |                                                |      |      |                                                                                                                                                                                                                                                |         |        |                           |
|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for Case Foundation Employee User Value Unit Annual SW Subscription & Support Renewal                                                                                                                    | E0ATSL  | 546,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for IBM Case Manager Employee User Value Unit Annual SW Subscription & Support Renewal                                                                                                                   | E0AT9LL | 546,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Supply Chain EDI for Non Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                              | D1L53LL | 546,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                        | D0EK2LL | 544,92 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Controller Contributor Authorized User Monthly License                                                                                                                                                                              | D17MFLL | 544,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect and Verify Bundle 100 Eligible Participants Overage                                                                                                                                                                 | D224WLL | 544,09 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Ceph Terabyte Annual Software Subscription and Support Renewal                                                                                                                                                                     | E0CYUZ  | 543,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Upgrade Environment Authorized User License + SW Subscription & Support 12 Months                                                                                                                                                     | D29M6LL | 543,06 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud test environment Concurrent User Overage                                                                                                                                                                                      | D1NHNLL | 542,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for Red Hat OpenShift Virtual Processor Core (VPC) Monthly License                                                                                                                                         | D27J6LL | 542,41 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM UrbanCode Deploy Server Agent Managed Virtual Server Monthly License                                                                                                                                                                       | D1BTWLL | 542,41 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Express Server Edition Authorized User Single Install License + SW Subscription & Support 12 Months                                                                                                        | D1CCCL  | 541,26 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Field Services User per Concurrent User Subscription per Month                                                                                                                    | D20EELL | 540,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud for US Federal (TRIRIGA) Field Services User per Concurrent User Subscription per Month                                                                                                     | D20EILL | 540,97 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Base Authorized User Subscription License Upgrade                                                                                                                                                                          | D0EQVZX | 539,90 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Director Non-Production Resource Value Unit Monthly License                                                                                                                                                        | D24XFLL | 539,83 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Disaster Recovery 100 Resource Unit Subscription License                                                                                                                                                    | D0AELZX | 539,27 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Disaster Recovery Reserved 100 Resource Unit Subscription License                                                                                                                                           | D0AIFZX | 539,27 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security (Gen 3) Disaster Recovery 100 Resource Unit Subscription License                                                                                                                                                    | D05MJZX | 539,12 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum LSF Suite Server Capacity Resource Value Unit Subscription License                                                                                                                                                                | D28FTLL | 539,12 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Fusion Backup Capacity Expansion Terabyte Monthly License                                                                                                                                                                          | D09QBZX | 538,65 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics Explorer Authorized User Subscription License                                                                                                                                                                             | D28CULL | 538,40 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS Processor Value Unit (PVU) Trade up from IBM Transformation Extender Pack for Financial Payments Processor Value Unit (PVU) Trade Up License + SW Subscription & Support | D08WGZX | 538,17 | Upgrade com Manutenção    |



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| Real | 12 |                                                | PPA  | 7831 | IBM Informix Storage Optimization Feature for Enterprise Edition Authorized User Single Install SW Subscription & Support Renewal                 | E06VXLL | 536,38 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect Managed DNS Request per Month                                                                                                     | D0GNEZX | 534,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Express TM1 User Authorized User Monthly License                                                                           | D1R8MLL | 534,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM System Storage SAN Volume Controller Entry Edition Metro/Global Mirror Disk Drive Annual SW Subscription & Support Renewal                    | E05F8LL | 533,95 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition per Processor Value Unit MONTHLY LICENSE                                                               | D1GVELL | 533,35 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Email Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                             | D12UTLL | 533,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Automated Network Observability Managed Client Device LIC + SW S&S 12 MO                                                               | D0GK3ZX | 533,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Automated Network Observability Managed device Annual SW S&S Rnwl                                                                      | E0GGLZX | 533,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Prepaid Usage 1000 Virtual Processor Core-Ins-Hrs Initial Fix Term LIC+S&S 12 MO                                            | D21UFLl | 533,00 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication Per Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                            | E0N8PLL | 532,72 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Answer Retrieval for Watson Discovery Virtual Processor Core Subscription License                                                             | D29MILL | 532,38 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise for IBM Cloud Hundred Thousand API Calls Pay Per Use                                                                   | D1M6BLL | 531,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Studio Premium for Bluemix Authorized User Pay per Use                                                                       | D00E7ZX | 531,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Studio Standard for Bluemix Authorized User Pay per Use                                                                      | D00E9ZX | 531,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL Compiler Development Authorized User Monthly License                                                                             | D19R8LL | 531,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL RDS Development Authorized User Monthly License                                                                                  | D19RBLL | 531,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Advanced Statistics Authorized User Monthly License                                                                                      | D17SOLL | 531,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Categories Authorized User Monthly License                                                                                               | D17RWLL | 531,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Complex Samples Authorized User Monthly License                                                                                          | D17RULL | 531,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Conjoint Authorized User Monthly License                                                                                                 | D17RSLL | 531,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Custom Tables Authorized User Monthly License                                                                                            | D17S2LL | 531,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Decision Trees Authorized User Monthly License                                                                                           | D17SHLL | 531,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Direct Marketing Authorized User Monthly License                                                                                         | D17SFLl | 531,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Exact Tests Authorized User Monthly License                                                                                              | D17SDLL | 531,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Forecasting Authorized User Monthly License                                                                                              | D17SCLL | 531,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Missing Values Authorized User Monthly License                                                                                           | D17S9LL | 531,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Neural Networks Authorized User Monthly License                                                                                          | D17S7LL | 531,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Regression Authorized User Monthly License                                                                                               | D17RQLL | 531,13 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for SAP Applications for Non Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D1PT9LL | 530,86 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow HSA Feed SW S&S Reinstat 12 Mo                                                                   | D0BJ5ZX | 529,80 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow LAB Feed SW S&S Reinstale 12 Mo                                                                            | D0BJAZX | 529,80 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas Concurrent User Advanced Support per Month                                                                   | E0E6BZX | 529,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Standard Edition Modernization Reserved Virtual Processor Core Advanced Support Subscription Lic                                                    | Z09GVZX | 528,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Standard Edition Modernization Virtual Processor Core Advanced Support Subscription License                                                         | Z03QCZX | 528,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Professional Authorized User Advanced Support Subscription License                                                                      | Z283KLL | 528,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect Managed DNS Record per Month                                                                                                                | D0GNGZX | 528,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Adaptive Access 100 Eligible Participant per Month                                                                                       | D021HZX | 527,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Analyze 100 Eligible Participant Monthly Subscription                                                                                    | D01XEZX | 527,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect 100 Eligible Participant per Month                                                                                               | D1X6QLL | 527,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Premium Reporting User Authorized User per Month                                                                       | D02T9ZX | 527,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted User Authorized User per Month                                                                                         | D01Z5ZX | 527,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas Data Storage 100 Gigabytes Per Month Subscription                                                            | D1VGRLL | 527,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas Data Storage 100 Gigabytes Per Month Subscription                                                        | D1VGSLL | 527,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Symphony GPU Harvesting General Purpose Graphics Proc Unit Monthly License                                                                     | D191TLL | 526,91 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Client Device License + SW Subscription & Support 12 Months                                                                             | D1IWLLL | 526,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Extended Edition Client Device License + SW Subscription & Support 12 Months                                                            | D1IWZLL | 526,61 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for SAN Client Device License + SW Subscription & Support 12 Months                                                                     | D1IVLLL | 526,61 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Mgr Active Ed Employee User Value Unit Monthly License                                                                                    | D1G12LL | 525,47 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Saas Authorized User                                                                                        | D1Q0HLL | 525,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Base Virtualization Software Storage Capacity Unit (1-100) Monthly License                                                                              | D1NDWLL | 523,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (1-100) Monthly License                                                                                       | D1PVRLL | 523,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (1-100) Monthly License                                                                            | D1PVJLL | 523,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Operations Management Ten Thousand Monthly Events Monthly License                                                            | D20LMLL | 522,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Suite Terabyte (2001+) Monthly License                                                                                                  | D1IMDLL | 522,97 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Modeler Rhapsody Corporate Edition Authorized User Initial Fixed Term License + SW Subscription & Support 12 Months | D097SLL | 522,96 | Temporária com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM Engineering Systems Design Rhapsody Modeler Rhapsody Corporate Edition Authorized User Subsequent Fixed Term License + SW Subscription & Support 12 Months | E06YQLL | 522,96 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Application Suite Dedicated Virtual Processor Core per Month                                                                                        | D02QWZX | 522,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Standard Edition Connection Annual SW Subscription & Support Renewal                                                     | E0BW7LL | 520,21 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure File Transfer-Premium Edition Processor Value Unit (PVU) Monthly License                                                                            | D22IBLL | 519,73 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Standard for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                | D0EPNLL | 518,08 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Field Services per Authorized User Monthly License                                                                                                 | D20E4LL | 517,59 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Integration Module for IBM DataPower Gateway Virtual Edition Processor Value Unit Software Subscription & Support Reinstatement 12 Months                      | D1AZQLL | 517,55 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for Multiplatform Authorized User Annual SW Subscription & Support Renewal                                                                   | E016VLL | 517,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for Multiplatform, Authorized User for Linux on System z, Annual SW Subscription & Support Renewal                                           | E01NHLL | 517,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager User Value Unit License + SW Subscription & Support 12 Months                                                         | D06DJLL | 517,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Premium Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                          | D0J1VLL | 517,43 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center Server Bundle Processor Value Unit (PVU) Monthly License                                                                      | D1LRDLL | 516,85 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Edition Small for Red Hat OpenShift per Resource Value Unit Subscription License                                  | D28LTLL | 516,85 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Optim High Performance Unload for Db2 Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                             | D55JYLL | 516,21 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentran Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                              | D0J0KLL | 516,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ODM Server Express for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                      | E0H9HLL | 515,64 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Professional for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                        | E09R1LL | 515,64 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Mitigation for Business Premium Support 10 Eligible Participants per Annum                                                            | D1SICLL | 514,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Geodetic DataBlade Authorized User Annual SW Subscription & Support Renewal                                                                       | E03WYLL | 513,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Version Control Authorized User SW Subscription & Support Reinstatement 12 Months                                                                     | D29LILL | 512,24 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Amos Authorized User Subscription License                                                                                                             | D283JLL | 511,84 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Accounts Payable Occasional Authorized User Value Unit Monthly License                                                                             | D1G07LL | 511,68 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure Proxy for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                   | D0IZFLL | 511,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Add-On for Non-Production Environment Processor Value Unit Annual SW Subscription & Support Renewal                                                                              | E0IZPLL | 510,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Advanced Access Control Feature Authorized User Annual SW Subscription & Support Renewal                                                                                                        | E02MQLL | 510,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Enterprise Edition Non-Production Processor Value Unit (PVU) Monthly License                                                                                         | D1L2ZLL | 508,39 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Reservation Manager for Small Installations Authorized User SW Subscription & Support Reinstatement 12 Months                                                                     | D15AJLL | 508,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Standard Ed Non Prod Virtual Server Annual SW S&S Rnwl                                                                                           | E08QNZX | 508,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet eForms for P8 Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                                                           | E050LLL | 505,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution Starter Edition for JD Edwards Applications Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                 | D0AP8LL | 505,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2B Integrator and Sterling File Gateway Enterprise for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D1FPWLL | 505,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Hypervisor Edition Intelligent Management Pack Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                  | D0CXHLL | 505,85 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sysdig Monitor Agent Host per Month 3rd Party Offering                                                                                                                                                  | D08WUZX | 505,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Premium Availability for Additional Process Environment Authorized User per Month                                                                                 | D1ZXCLL | 503,67 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Extended Edition 10 Processor Value Units (PVUs) License + SW Subscription & Support 12 Months                                                                                      | D1IWNLL | 503,15 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Telemetry Retail Store Editon Install SW Subscription & Support Reinstatement 12 Months                                                                                                          | D0VL6LL | 502,65 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Product Hub - Advanced Edition for Financial Services Resource Value Unit Monthly License                                                                                            | D19DILL | 501,65 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 101-250 Annual SW Subscription & Support Renewal                                                                                                              | E0LUHLL | 501,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Internet of Things Client Device SW Subscription & Support Reinstatement 12 Months                                                                      | D1R0YLL | 501,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Merge Backup Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                                           | D0G7HLL | 501,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Performance Management Offering for Db2 Enterprise Server Edition Authorized User Single Install Annual SW Subscription & Support Renewal                                                       | E0KSNLL | 501,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Express Edition CPU Option Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                                        | D55NPLL | 501,00 | Permanente com Manutenção |

|      |    |                                                |      |      |                                                                                                                                                                  |         |        |                           |
|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                              | E086CLL | 501,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local TM1 Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months              | D076FLL | 501,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Enterprise User Value Unit SW Subscription & Support Reinstatement 12 Months                                                      | D1K1HLL | 501,00 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog Manager for Suppliers Entity ID Advanced Support per Month                                              | E0E84ZX | 499,94 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Enterprise User Value Unit from IBM Security Identity Governance Lifecycle Trade Up License + SW Subscription & Support 12 Months | D1NQDLL | 499,79 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for 5250 Applications on Multiplatforms Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                    | E04J6LL | 498,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Standard Edition Non-Production Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                           | D1K0ZLL | 498,89 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Inspector Portable Standard Edition Client Device Monthly License                                                                                            | D07Y7ZX | 498,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Aviation Add-On Saas Flex Limited Use Authorized User Overage                                                                                     | D1V1NLL | 497,45 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Resource-Documents Conversion Service-North America Only Fax Lines-Connection Per Month                                  | D00B3ZX | 497,45 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Engagement - Essentials Thousand Registrations per Month                                                                              | D1RDFLL | 497,45 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | InfoSphere Optim Data Privacy EE Accelerator for Oracle Applications Processor Value Unit (PVU) Monthly License                                                  | D0B98ZX | 497,26 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Process Mining Business User add-on Authorized User Advanced Support per Annum                                                                                   | E0E74ZX | 495,48 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Task Mining Agent add-on Concurrent User Advanced Support per Annum                                                                                              | E0E75ZX | 495,48 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Microsoft Office 1000 External Pack User Value Unit Annual SW Subscription & Support Renewal 12 Months                      | E0LPYLL | 495,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Microsoft Office Authorized User Value Unit License + SW Subscription & Support 12 Months                                   | D14IKLL | 495,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Permanent Redaction 1000 External Pack User Value Unit Annual SW Subscription & Support Renewal 12 Months                   | E0LQBLL | 495,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Permanent Redaction Authorized User Value Unit License + SW Subscription & Support 12 Months                                | D1HGNLL | 495,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Application Server Advanced Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                          | E07X4LL | 495,47 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Enterprise Server Edition Authorized User Single Install Monthly License                                                                                 | D19QSLL | 495,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Control Storage Capacity Unit (501-750) per Month                                                                                                   | D1N4SLL | 495,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Automation Virtual Processor Core Subscription License                                                                                             | D05K9ZX | 495,32 | Saas                      |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Performance Management Managed Device Annual SW S&S Rnwl                                                                                     | E08PPZX | 495,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Performance Management Managed device Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months               | D0BK9ZX | 495,19 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Management add-on for Alert Notification Thousand Digital Messages per Month                                                                    | D00CNZX | 494,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect and Verify Bundle 100 Eligible Participants Monthly Subscription                                                                     | D2249LL | 494,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Vanity Domain Instance Advanced Support per Month                                                                                           | E0G9TZX | 494,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Cast Iron Live Integration Services Standard Development Edition Install Advanced Support per Month                                               | E0DXQZX | 494,34 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management 10 Managed Client Devices from OMNibus Basic Device Trade Up License + SW Subscription & Support 12 Months | D142ALL | 494,24 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Operations Management 10 Managed Client Devices from NNM Event Basic Device Trdup Lic + SW S&S 12 Mo                          | D15QTLL | 494,24 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Application Suite per AppPoint Monthly License                                                                                                      | D07ZDZX | 493,89 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Full Text Search Processor Value Unit Annual SW Subscription & Support Renewal                                                     | E0ED5LL | 493,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TXSeries Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                | E025BLL | 493,02 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Db2 Non-Production Virtual Processor Core Monthly License                                                                   | D26WELL | 491,62 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Edition Processor Value Unit Annual Software Subscription & Support Renewal                                                       | E0KHULL | 491,34 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Subscription, Complex Sampling & Testing Authorized User Per Month                                                                          | D1QWXL  | 491,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Subscription, Custom Tables & Advanced Statistics Authorized User Per Month                                                                 | D1QWWLL | 491,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Subscription, Forecasting & Decision Trees Authorized User Per Month                                                                        | D1QWYLL | 491,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Saas for US Federal Authorized User per Month                                                                   | D1QJLL  | 491,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat Enterprise Linux on IBM Cloud Bare Metal 17-32 Cores Instance Pay per Use                                                                               | D01R5ZX | 490,92 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Standard Edition Cartridge for IBM Cloud Pak for Data Reserved Virtual Processor Core Advanced Support Subscription Lic                                 | Z09GSZX | 490,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Standard Edition Cartridge for IBM Cloud Pak for Data Virtual Processor Core Advanced Support Subscription License                                      | Z03GDZX | 490,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Db2 for z/OS Remote Source per Resource Value Unit Monthly License                                                                         | D20SELL | 490,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Records Foundation Content Collector Edition 1000 External Pack User Value Unit Monthly License                                                  | D1D6ELL | 489,57 | Saas                      |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Authorized User Overage                                                                                                                              | D1H82LL | 489,37 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Trnfrmtn Extndr Pack f Encl Pymnt PLUS f Non Production f RHOS Virtual Processor Core Extended Support Subscription Lic                                  | X08VCZX | 489,11 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Enterprise User Value Unit Trade Up From IBM Security Identity Manager License + SW Subscription & Support 12 Months                   | D1K1ILL | 488,14 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Non Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D08V3ZX | 488,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spatial Integration Adapter for WebSphere Studio Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                         | D55T4LL | 486,93 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak System Software Suite Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                                     | E0MZKLL | 486,71 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Eng Requirements Management DOORS Next Saas for US Federal Concurrent User Advanced Support per Month                                                             | E0EFHZX | 486,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Saas for US Federal Concurrent User Advanced Support per Month                                            | E0EFLZX | 486,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Saas for US Federal Concurrent User Advanced Support per Month                                                  | E0EFNZX | 486,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Saas for US Federalfor US Federal Concurrent User Advanced Support per Month                                                          | E0EFFZX | 486,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Saas for US Federal Concurrent User Advanced Support per Month                                                                    | E0EFDZX | 486,26 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Advanced Agile Discovery Managed Device License + SW Subscription and Support 12 Months                                                                           | D28UELL | 485,70 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Telco Network Cloud Manager - Performance Managed Device SW Subscription and Support Renewal 12 Months                                                            | E0R35LL | 485,70 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | API Connect Enterprise Reserved Instance High Availability Add-On Million API Calls Advanced Support per Annum                                                        | E0FXFZX | 485,04 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise Reserved Instance High Availability Add-On Million API Calls Advanced Support per Annum                                                    | E0EA9ZX | 485,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Foundry Enterprise Environment Standard 1000 Gigabyte-Hour Pay per Use                                                                                      | D00XZZX | 483,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Modernization Authorized User Subscription License Upgrade                                                                              | D03D7ZX | 483,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Workload Automation on Cloud per 1,000 Jobs per Month                                                                                                             | D12WDLL | 482,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Authorized User Monthly License                                                                                                             | D1D0DLL | 482,40 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition - Archive File Access Processor Value Unit (PVU) LIC + SW S&S 12 MO                                                   | D0D9GZX | 482,39 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Store Edition Large Certified Container Resource Value Unit Extended Support Subscription License                                  | X28LVLL | 480,33 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Symphony Desktop Harvesting Client Device Annual SW Subscription & Support Renewal                                                                       | E0DX6LL | 479,60 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Capital Projects Hub Saas Authorized User Overage                                                                                                         | D0434ZX | 478,79 | Saas                      |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Data Retention Terabyte (1-12) Monthly License                                                                                             | D1IP8LL | 478,45 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Network Automation Resource Unit Monthly License                                                                                                 | D0540ZX | 477,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Non-Production Virtual Processor Core Monthly License                                           | D08S6ZX | 477,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on B2B Integratr Entrprse Edition for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E0BWFL  | 477,16 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Additional Planning Storage 250 Gigabytes Overage                                                                                           | D1JT6LL | 476,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Floating User Single Install Monthly License                                                        | D26GSLL | 475,94 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Control Desk Internal Service Provider Edition Install Extended Support Subscription License                                                                   | X07FUZX | 474,06 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor for Transformation Extender Advanced Non-Production Environment Processor Value Unit License + SW Subscription & Support 12 Months      | D1VC4LL | 473,87 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Host Access Client Package for Multiplatforms (HACP), Authorized User System z, Annual SW Subscription & Support Renewal                                       | E03VDLL | 473,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Host Access Client Package for Multiplatforms Authorized User Annual SW Maintenance Renewal                                                                    | E1BGELL | 473,87 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SAN Volume Controller Base Virtualization Software Storage Capacity Unit (101-250) Monthly License                                                             | D1NDXLL | 473,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (101-250) Monthly License                                                                                            | D1PVSLL | 473,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SVC Metro Mirror Software Terabyte (101-250) Monthly License                                                                                                   | D1PVKLL | 473,79 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Processor Value Unit (PVU) Monthly License                                                                         | D0ATEZX | 473,44 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Patient Hub - Standard Edition Limited Use Resource Value Unit SW Subscription & Support Reinstatement 12 Months             | D16FGLL | 472,80 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Availability - Db2 Database Virtual Processor Core Advanced Support Subscription License                                                  | Z04QTZX | 472,18 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Testing Environment Authorized User Annual SW Subscription & Support Renewal 12 Months                                                                    | E0RBDLL | 471,06 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Mitigation for Retail Premium Support 100 Eligible Participant per Annum                                                                  | D1T92LL | 470,88 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Bot Runner Virtual Server Advanced Support Subscription License                                            | Z267GLL | 470,30 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR on Cloud (AU) Authorized User Advanced Support 12 Months                                                                                         | E0E9CZX | 470,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation with WDG Automation Environment per Virtual Server Advanced Support Subscription License                                            | Z299ULL | 467,17 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Enterprise as a Service 100 Gigabyte Advanced Support per Annum                                                                                    | E0G09ZX | 467,16 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard for Non-Prod Container Edition Resource Value Unit Annual SW S&S Rnwl                                             | E0851ZX | 467,12 | Manutenção após Vigência  |



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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Workgroup Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal               | E0BSDLL | 466,83 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Professional on Cloud Flows Instance Advanced Support per Month                                                 | E0DXFZX | 466,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Management add-on for Cloud Event Management Ten Thousand Events Advanced Support per Month                     | E0DYSZX | 466,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Instana Observability Managed Virtual Server per Month                                                                      | D04Y0ZX | 466,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics as a Service Add on 16 GB Memory 16 Gigabyte Advanced Support per Month                                  | E0GYNZX | 466,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation as a Service OCR 1000 Items Advanced Support per Month                                           | E0E6YZX | 466,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Labor-Trading Partner Capability Survey-Entity ID Remotely Delivered Service            | D004ZZX | 466,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Customer Transaction Manager-Entity ID per Month                               | D014PZX | 466,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Supplier Transaction Manager-Entity ID per Month                               | D014ZZX | 466,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Engagement - Enterprise Integration Thousand Registrations Overage                                   | D1RDELL | 466,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Tone Analyzer for IBM Cloud 10000 API Calls Pay per Use                                                              | D1N6KLL | 466,10 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage for Non-Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E04PYLL | 465,34 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Analytics Enterprise Cartridge for IBM CPD Reserved Authorized User Extended Support Subscription License          | X0AA1ZX | 465,28 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Lifecycle User Value Unit License + SW Subscription & Support 12 Months                          | D1B36LL | 464,78 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Enterprise Edition User Option Authorized User Single Install Monthly License                                      | D19NMLL | 464,46 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise NPE Cartridge for IBM Cloud Pak for Data 100 Thousand Documents Advanced Support 12 Months      | Z28NCLL | 464,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage as a Service 50 Capacity Unit-Hour Pay per Use                                                                    | D06DMZX | 463,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Flex Enterprise User Concurrent User Overage                       | D1UM4LL | 461,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Flex for US Federal Enterprise User Concurrent User Overage        | D1UMALL | 461,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex Enterprise User (TRIRIGA) Concurrent User Overage                       | D1MFMLL | 461,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex for US Federal Enterprise User (TRIRIGA) Concurrent User Overage        | D1MFWLL | 461,38 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation as a Service Environment Instance Advanced Support per Month                                     | E0E6TZX | 460,14 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Standard for Symphony Resource Value Unit License + SW Subscription & Support 12 Months                        | D02YGZX | 460,01 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM API Connect Enterprise Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                                           | E0MIHLL | 458,86 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Symphony Server and VM Harvesting Virtual Server Monthly License                                                                                      | D191ULL | 458,39 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Add-On Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                  | E052QLL | 458,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HIS for 5250 Applications, Authorized User Annual SW Subscription & Support Renewal                                                                   | E055BLL | 457,06 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM B2B Gateway Pack per Processor Value Unit Subscription License                                                                                                 | D28L2LL | 456,50 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication VSAM for z/OS Remote Source Resource Value Unit Subscription License                                                                          | D04QPZX | 456,50 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Insight Edition Add-On Network Scanning Device Resource Value Unit Annual SW Subscription & Support Renewal                                            | E0M53LL | 456,25 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Insight Edition Add-On Occasional Authorized User Value Unit Annual SW Subscription & Support Renewal                                                  | E0M51LL | 456,25 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Enterprise VOICE 1000 MAU Active User Pay per Use                                                                                             | D04X3ZX | 455,96 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Performance Management Advanced Workspace Add-On Authorized User Monthly License                                                                        | D1WJLL  | 453,68 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault Remote On-Premises User Value Unit SW Subscription & Support Reinstatement 12 Months                                           | D28INLL | 452,12 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Analytics Content Hub Authorized User Annual SW Subscription & Support Renewal                                                                                 | E0D69ZX | 451,98 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution Starter Edition for JD Edwards Applications Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D0AP5LL | 451,98 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Service Provider Management Professional per Authorized User Annual SW Subscription & Support Renewal                                                    | E0N7HLL | 451,48 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog for Non-Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                               | E0DKTLL | 450,92 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Workgroup Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                | E0JZXLL | 450,92 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Patient Hub - Standard Edition Resource Value Unit Annual SW Subscription & Support Renewal                                  | E0DHTLL | 450,92 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Product Hub - Advanced Edition for Non-Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal   | E0CZHLL | 450,92 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Viewer Resource Value Unit SW S&S Reinstatement 12 Mo                                                                                 | D0D2WZX | 450,42 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM COBOL Runtime Environment for AIX Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                       | D1HGYLL | 449,73 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Concurrent Session Annual SW Subscription & Support Renewal                                                                               | E2DJJLL | 449,73 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime zSeries (S/390) Concurrent Session Annual SW Subscription & Support Renewal                                                               | E00QLLL | 449,73 | Manutenção após Vigência |

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| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2B Integrator Basic and Standard Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months       | D1FP7LL | 449,73 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Application Server Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                               | E022ILL | 448,52 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Change Data Delivery Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                      | E07UDLL | 448,52 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Red Hat OpenShift Virtual Processor Core Subscription License                                                        | D28KULL | 445,80 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Add-On Authorized User Value Unit Annual SW Subscription & Support Renewal                                                 | E0KEALL | 445,09 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Big Replicate LiveData Migrator Per Annual Terabyte Subscription License                                                                                 | D291ULL | 443,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Categories Authorized User Subscription License                                                                                                     | D0EMFZX | 443,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Complex Samples Authorized User Subscription License                                                                                                | D0EL9ZX | 443,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Conjoint Authorized User Subscription License                                                                                                       | D0EL7ZX | 443,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Custom Tables Authorized User Subscription License                                                                                                  | D0ENQZX | 443,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Decision Trees Authorized User Subscription License                                                                                                 | D0ELXZX | 443,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Authorized User Subscription License                                                                                               | D0ELGZX | 443,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Exact Tests Authorized User Subscription License                                                                                                    | D0EQAZX | 443,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Forecasting Authorized User Subscription License                                                                                                    | D0EM7ZX | 443,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Missing Values Authorized User Subscription License                                                                                                 | D0ENBZX | 443,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Neural Networks Authorized User Subscription License                                                                                                | D0ELTZX | 443,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Regression Authorized User Subscription License                                                                                                     | D0ENWZX | 443,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Cognos Analytics User Reserved Authorized User Subscription License                                                                   | D09IZZX | 442,70 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Anywhere Add-on Authorized User Monthly License                                                                                                   | D1CHSLL | 442,70 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Local Explorer Authorized User Monthly License                                                                                        | D1RAKLL | 442,70 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Eng Requirements Management DOORS Next Saas Concurrent User Advanced Support per Month                                                                   | E0EF9ZX | 442,11 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization - Publishing Document Builder Saas Concurrent User Advanced Support per Month                                         | E0E8CZX | 442,11 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Saas Concurrent User Advanced Support per Month                                                  | E0EFQZX | 442,11 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Saas Concurrent User Advanced Support per Month                                                                              | E0EF7ZX | 442,11 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Saas Concurrent User Advanced Support per Month                                                                          | E0EF5ZX | 442,11 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rhapsody Design Manager on Cloud Concurrent User Advanced Support per Month                                                                              | E0EFSZX | 442,11 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Account Hub - Standard Edition for Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal | E0CYSLL | 441,78 | Manutenção após Vigência |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub - Standard Edition for Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal                       | E0CYELL | 441,78 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Non-Production on Cloud Add-On (CU) Concurrent User Advanced Support 12 Months                                                                                      | E0E9JZX | 441,45 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Gate on Cloud Virtual Processor Core Advanced Support Subscription Lic                                                                                                       | Z0H1JZX | 439,58 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | DevOPs for IBM Cloud Paks Resource Value Unit Extended Support Subscription License                                                                                                   | X28I1LL | 438,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Enterprise Edition Non-Production Special Edition Virtual Processor Core Extended Support Subscription License                                                 | X080DZX | 438,94 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Express Performance Management User Workspace Add-On Authorized User Annual SW Subscription & Support Renewal                                                              | E0N8KLL | 438,76 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow Enterprise Processor Value Unit (PVU) Monthly License                                                                                                | D200NLL | 438,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Client SDK Authorized User Single Install Monthly License                                                                                                                | D19R6LL | 437,90 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition for Non-Production Environment per Entity ID Software Subscription and Support Renewal 12 Months                             | E0R63LL | 437,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition Non-Production Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                        | E0RCLLL | 437,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Financial Payments for Non Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                               | D1L5KLL | 437,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Healthcare for Non Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                       | D1L4JLL | 437,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer Deployment Edition Processor Value Unit Annual SW Subscription & Support Renewal                                                                             | E08PYLL | 435,49 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Explorer per Authorized User per Month                                                                                                                         | D1RJALL | 435,27 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Instabug Additional User per Annum                                                                                                                                                    | D0CRSZX | 435,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for Files per Resource Value Unit (MVS) Advanced Support Subscription License                                                                   | Z29ACLL | 435,18 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Authorized User SW Subscription & Support Reinstatement 12 Months                                                                             | D26W0LL | 434,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Enterprise Edition for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E0BWSLL | 434,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Standard Edition Connection Annual SW Subscription & Support Renewal                                                                                      | E0BW2LL | 434,93 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentran for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                          | D0J0LLL | 434,93 | Permanente com Manutenção |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud test environment Concurrent User Monthly Subscription w/ Support per Month                                                                     | D1NHMLL | 434,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ELO - Publishing Document Builder for US Federal Saas Concurrent User Advanced Support per Month                                                            | E0E8AZX | 434,65 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM QRadar Network Insights Appliance 1940-C HD Retention Service Upgrade Appliance Install Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0QS3LL | 434,39 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Network Management PA Managed Virtual Network Device Annual SW S&S Rnwl                                                          | E0JS9LL | 433,87 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Method Composer Authorized User Single Install Monthly License                                                           | D1BGALL | 432,67 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Modeling for Communications Applications for Ratl Professional Bundle Authorized User Monthly License                                              | D1BK1LL | 432,67 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Process Manager Concurrent User Annual SW Subscription & Support Renewal 12 Months                                                             | E02ZNZX | 432,65 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ High Availability Replica for Linux on IBM Zs Virtual Processor Core Monthly License                                                                     | D1VAJLL | 432,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ High Availability Replica Virtual Processor Core Monthly License                                                                                         | D1VAILL | 432,05 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Provider Hub - Advanced Edition Limited Use Resource Value Unit Annual SW Subscription & Support Renewal                  | E0JYZLL | 431,44 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Session Scheduler Resource Value Unit License + SW Subscription & Support 12 Months                                                            | D02Z8ZX | 431,23 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Fusion Backup Capacity Expansion Terabyte Subscription License                                                                                      | D09QDZX | 430,80 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Plus 10 Managed Virtual Servers Monthly License                                                                                             | D1VBVLL | 430,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Plus Capacity per Terabyte Monthly License                                                                                                  | D1X29LL | 430,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Foundation Add On for IBM Content Manager Enterprise Edition Employee User Value Unit SW Subscription & Support Reinstatement 12 Months             | D11KSLL | 430,16 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Front End Terabyte (1-100) Extended Support Subscription License                                                                    | X2A2RLL | 430,16 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Standard Activity Monitor for Files Resource Value Unit Monthly License                                                                   | D1GVMLL | 430,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Signature Validation for Non-Production Environment Processor Value Unit (PVU) Monthly License                                                      | D1K04LL | 429,28 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect Managed DNS Resource Unit per Month                                                                                                             | D0GNKZX | 429,05 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Single-Function User Value Unit License + SW Subscription & Support 12 Months                                                                     | D0VGQLL | 428,04 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos PowerPlay for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                         | E0625LL | 427,46 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub Standard Edition Limited Use Resource Value Unit License + SW Subscription & Support 12 Months             | D16FJLL | 427,46 | Permanente com Manutenção |

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| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                     | D55W8LL | 427,46 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Integrator Employee User Value Unit Annual SW Subscription & Support Renewal                                                                      | E0C85LL | 426,96 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Express Performance Management User Authorized User Monthly License                                                                                | D17P5LL | 426,40 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability for Db2 Warehouse Modernization Virtual Processor Core Subscription License Upgrade                          | D08L2ZX | 426,40 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Stats Client Adv Stats Auth User SUBSCRIPTION LICENSE                                                                                                     | D29VMLL | 426,40 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub Advanced Edition Limited Use Resource Value Unit SW Subscription & Support Reinstatement 12 Months       | D16G7LL | 426,40 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Guardium Analyzer Install Annual SW Subscription & Support Renewal                                            | E0J1DLL | 425,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Agile Service Manager 10 Managed Client Devices License + SW Subscription & Support 12 Months                                  | D1TJELL | 425,90 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - Log Insights Gigabyte-Day Subscription per Month                                                                                  | D0DQZQX | 425,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data for Planning Analytics Advanced Reserved Authorized User Extended Support Subscription License                                         | X09P8ZX | 425,15 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Secure File Transfer-Premium Edition Processor Value Unit Subscription License                                                                            | D28L6LL | 425,15 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | Sterling Trans Ext Pack for Financial Payments Non-Prod Cert Container Virtual Processor Core Extended Support Subscription Lic                               | X0HS1ZX | 425,15 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | Sterling Transformation Ext Pack for Healthcare Non-Prod Cert Container Virtual Processor Core Extended Support Subscription Lic                              | X0HRUZX | 425,15 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Requirements Management DOORS Web Access Reviewer Authorized User Monthly License                                                             | D1BTHLL | 424,53 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Symphony GPU Harvesting General Purpose Graphics Proc Unit Subscription License                                                                  | D28GDLL | 424,53 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Non-Production Environments Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                  | D0L2PLL | 424,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution for JD Edwards EnterpriseOne Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months  | D08F0LL | 424,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 Warehouse for IBM Cloud Pak for Data Non-Production Virtual Processor Core Monthly License | D08MUZX | 423,89 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector HSA Feed SW S&S Reinstat 12 Mo                                                                                         | D0BIVZX | 423,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector LAB Feed SW S&S Reinstat 12 Mo                                                                                         | D0BJFZX | 423,77 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Professional for IBM Cloud Hundred Thousand API Calls Pay Per Use                                                                      | D1M6ALL | 423,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for SmartMeters 1000 Client Devices Annual SW Subscription & Support Renewal                               | E0CQYLL | 422,70 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Business Service Manager for the Enterprise Tier 3 Resource Value Unit Monthly License                                                      | D18VMLL | 422,64 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                                                   | D14I9LL | 422,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Authorized User SW Subscription & Support Reinstatement 12Months                    | D08KVZX | 422,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational Performance Test Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                               | E0DU4LL | 422,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Workload Automation 10 MONTHLY JOBS License + SW Subscription & Support 12 Months                                                                  | D0PNZLL | 422,14 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | EDB PostgreSQL with IBM Non Production Virtual Processor Core Subscription                                                                             | D27K0LL | 422,02 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Decision Optimization Center Data Server for Non Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months          | E0MI7LL | 421,64 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Control Desk Concurrent User Extended Support Subscription License                                                                                 | X07FPZX | 421,38 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Sterling Secure Proxy Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                 | D1FQFLL | 421,02 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Process Automation Manager Open Edition Virtual Processor Core Advanced Support Subscription License                                               | Z0BF2ZX | 420,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Saas Authorized User                                                                                   | D1Q0GLL | 419,99 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Monitor Processor Value Unit (PVU) Monthly License                                                                                        | D1D4KLL | 419,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Monitoring Add On for IBM Retail Store Server Client Device SW Subscription & Support Reinstatement 12 Months                                      | D25P2LL | 419,80 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Essentials Software API Call Add On Monthly API Calls Extended Support Subscription Lic                                                | X0GPKZX | 418,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for SAP Applications Employee User Value Unit Annual SW Subscription & Support Renewal                                           | E097KLL | 418,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Application Optimization Module for IBM DataPower Gateway Virtual Edition Processor Value Unit Software Subscription & Support Reinstatement 12 Months | D1B0KLL | 417,93 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment Resource Value Unit Monthly License                                                 | D1820LL | 417,79 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Application Workload Modeler for Linux on zSeries Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                              | E0200LL | 417,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Financial Standard Edition Connection Annual SW Subscription & Support Renewal                                               | E0BWZLL | 417,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Brazilian Portuguese Processor Value Unit (PVU) Annual SW Subscription & Support Renewal              | E02AILL | 417,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from French Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                            | E023CLL | 417,37 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from German Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                      | E023ALL  | 417,37 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Italian Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                     | E026YLL  | 417,37 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Japanese Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                    | E026ZLL  | 417,37 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Korean Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                      | E02AHLL  | 417,37 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Simplified Chinese Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                          | E0270LL  | 417,37 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Spanish Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                     | E023BLL  | 417,37 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Translation Server English to/from Traditional Chinese Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                         | E0271LL  | 417,37 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Additional Reporting Storage 250 Gigabytes Overage                                                                                        | D1JT7LL  | 416,61 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Base Virtualization Software Storage Capacity Unit (251-500) Monthly License                                                                                 | D1NDYLL  | 416,35 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (251-500) Monthly License                                                                                          | D1PVTLL  | 416,35 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (251-500) Monthly License                                                                               | D1PVL LL | 416,35 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Discover and Classify for Unstructured Data per Resource Value Unit (TB) Monthly License                                                            | D0CF6ZX  | 415,75 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | InfoSp Optim Archive Enterprise Ed Accelerator or Oracle Applications Processor Value Unit (PVU) Monthly License                                                 | D0AT6ZX  | 415,75 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Enterprise - Nonproduction Edition Processor Value Unit from Prior Programs Trade Up License + SW Subscription & Support 12 Months | D29NFLL  | 415,22 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Premium for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                            | E09RHLL  | 414,92 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | InfoSphere Optim Management Test Data Enterprise Edition Processor Value Unit (PVU) Monthly License                                                              | D0BB1ZX  | 414,49 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager for Non-Production Environment Concurrent User Monthly License                                                                      | D1PWMLL  | 413,86 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Reserved Authorized User Subscription License                                                     | D08LWZX  | 413,86 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Privacy Enterprise Edition Guardium Analyzer Install Annual SW Subscription & Support Renewal                                          | E0J1FLL  | 413,61 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition Guardium Analyzer Install Annual SW Subscription & Support Renewal                                  | E0J1NLL  | 413,61 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Aviation Add-On Saas Flex Limited Use Authorized User Subscription per Month                                                                      | D1V1MLL  | 413,51 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM QMF Analytics for Multiplatforms Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                               | E0NRYLL  | 412,48 | Manutenção após Vigência |



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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Content Collector Edition Authorized User Value Unit Annual SW Subscription & Support Renewal                                     | E0KGRLL | 411,91 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix OnLine Extended Edition Concurrent Session Monthly License                                                                                             | D19PTLL | 410,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Control Storage Capacity Unit (751-1250) per Month                                                                                                     | D1N4TLL | 409,17 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Collaboration and Deployment Services for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                   | E09JLL  | 408,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Data Masking Option Processor Value Unit (PVU) LIC + SW S&S 12 MO                                                         | D08FJLL | 407,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                | D0J2LLL | 407,22 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Enterprise Edition User Value Unit SW Subscription & Support Reinstatement 12 Months                                             | D1L2NLL | 406,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Enterprise Server Edition for Non-Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                     | E0NNYLL | 406,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Account Hub - Advanced Edition for Non-Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal    | E0CYTLL | 406,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub - Advanced Edition for Non-Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal | E0CZDLL | 406,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                       | E06JNLL | 406,14 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Workgroup Server Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months               | D1CDMLL | 404,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Workgroup Server Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months          | D1CEGLL | 404,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Workgroup Server Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                               | D1CC8LL | 404,58 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Suite per AppPoint Subscription License Upgrade                                                                                | D05KRZX | 403,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Data Retention Terabyte (13-32) Monthly License                                                                                             | D1IP9LL | 403,83 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Advanced Recovery Feature Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                               | E0HNYLL | 403,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Option Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                        | D55RZLL | 403,37 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Option zSeries (S/390) Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                        | D55S1LL | 403,37 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Voice Gateway 1000 Thousand Monthly Minutes Monthly License                                                                                                     | D1STQLL | 403,21 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on Sterling B2B Integrator Standard Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                       | E0BWPLL | 402,73 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Snapshot per Terabyte 251+ Annual SW Subscription & Support Renewal                                                                                                   | E0LUILL | 402,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Network Deployment with Custom Pattern Processor Value Unit (PVU) from IBM WAS Network Deployment Trade Up License + SW Subscription & Support 12 Months | D1DYGLL | 402,73 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Inventory Processor Value Unit License + SW Subscription & Support 12 Months                                                                                                     | D29MSLL | 402,73 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors - 2,350 SQM Per Item Annual SW Subscription & Support Renewal 12 Months                                                                     | E0RCDLL | 402,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors - 25,000 SQ FT Per Item Annual SW Subscription & Support Renewal                                                                            | E0RCBLL | 402,15 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Compliance User Value Unit License + SW Subscription & Support 12 Months                                                                                   | D1B41LL | 401,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Advanced for Non Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                               | E0MD2LL | 401,49 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Mgr Active Ed Add-on Employee User Value Unit Monthly License                                                                                                           | D1G14LL | 401,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Services Employee User Value Unit Monthly License                                                                                                                       | D1D8XLL | 401,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ Advanced Message Security for Retail Store Edition Store Monthly License                                                                                                           | D195BLL | 399,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ Managed File Transfer Agent for Retail Store Edition Store Monthly License                                                                                                         | D195ALL | 399,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Starter Edition Currency Value Unit Monthly License                                                                                                     | D194ULL | 399,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Starter Edition with Informix Database Currency Value Unit Monthly License                                                                              | D194YLL | 399,86 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Upgrade Environment Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                       | D29MBLL | 398,69 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Basic Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                             | E0J0FLL | 398,19 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Capital Projects Hub Saas Authorized User Subscription per Month                                                                                                              | D0433ZX | 397,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Privacy and Security for Data Warehouse Appliances Install per Install Annual SW Subscription & Support Renewal                                                       | E0JFALL | 397,62 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Advanced Cartridge for IBM Cloud Pak for Data Reserved Authorized User Extended Support Subscription License                                                       | X09JVZX | 397,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Event Management Alert Notification Thousand Digital Messages Pay per Use                                                                                                             | D008EZX | 397,19 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub Standard Edition Lmt'd Use Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                   | D16F2LL | 397,11 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Campus Edition Academic Authorized User Extended Support Subscription Lic                                                                                     | X0FCKZX | 396,30 | Assinatura                |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Express for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months           | E0P9QLL | 396,04 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Symphony Advanced Edition Resource Value Unit Monthly License                                                                                      | D191RLL | 395,55 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management 10 Managed Client Devices SW Subscription & Support Reinstatement 12 Months                                | D1429LL | 394,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring for Virtual Environments Agent for Cisco UCS Resource Value Unit Annual SW Subscription & Support Renewal                                 | E0CYLL  | 394,82 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM TRIRIGA Application Suite per AppPoint Subscription License                                                                                                 | D07ZFZX | 394,82 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Income Support Professional Authorized User Annual SW Subscription & Support Renewal                                                                  | E0E7NLL | 393,35 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Application Server for Developers Authorized User Monthly License                                                                                 | D193HLL | 392,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Microsoft Office Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months            | D1G7PLL | 392,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Permanent Redaction Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months         | D1HIHLL | 392,29 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Connection SW Subscription & Support Reinstatement 12 Months                                                                | D0J3JLL | 392,29 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Modeler Server Gold Processor Value Unit (PVU) Monthly License                                                                                         | D17Y8LL | 391,92 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Enterprise Server Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months      | D1CDJLL | 391,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Enterprise Server Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D1CEDLL | 391,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Enterprise Server Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                      | D1CBJLL | 391,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (251+) Annual SW Subscription & Support Renewal                                                                 | E0LWJLL | 390,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Verification Engine Professional Authorized User License + SW Subscription & Support 12 Months                                                        | D0S6SLL | 389,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Manager On-Premises for Server per Managed Virtual Server SW Subscription & Support Reinstatement 12 Months                       | D220BLL | 389,41 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Front End Terabyte (101-250) Extended Support Subscription License                                                                  | X2A2SLL | 388,78 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Environmental Intelligence Suite AppPoint Overage                                                                                                           | D042QZX | 388,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Envizi ESG Suite AppPoint Overage                                                                                                                           | D09SKZX | 388,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Transit Analytics Per Resource Value Unit Monthly License                                                                                       | D1D1RLL | 388,16 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Operations Center Consumer User per Resource Value Unit Annual SW Subscription & Support Renewal                                                | E0FXCLL | 386,96 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager User Value Unit from Security Access Manager for Web Trade Up License + SW Subscription & Support 12 Months                       | D06DMLL | 386,85 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentran for Non-Production Environment from Gentran Director Non Production Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J4GLL | 386,85 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor Simultaneous Session Monthly License                                                                                                   | D1824LL | 386,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Workload Automation on Cloud Step up for existing Customers per 1,000 Job Monthly Subscription with Support                                                            | D14Z4LL | 386,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Standard for Retail Premium Support 100 Eligible Participants Advanced Support 12 Month                                                       | E0DV2ZX | 385,68 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Standard Premium Support 10 Eligible Participants Advanced Support 12 Months                                                                  | E0DV3ZX | 385,68 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Analyzer Workgroup Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                  | E0BS7LL | 384,32 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Asset Management on Cloud Flex (Maximo) Concurrent User per Month                                                                                           | D1M9ELL | 384,28 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Flex Enterprise User Concurrent User Subscription per Month                                                   | D1UM3LL | 384,28 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Flex for US Federal Enterprise User Concurrent User Subscription per Month                                    | D1UM9LL | 384,28 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex Enterprise User (TRIRIGA) Concurrent User per Month                                                                | D1MFLLL | 384,28 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex for US Federal Enterprise User (TRIRIGA) Concurrent User per Month                                                 | D1MFVLL | 384,28 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Software Call Center Add-on for Red Hat OpenShift User Value Unit Monthly License                                                            | D26S2LL | 383,34 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli System Automation Application Manager for zOS Adapter Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                              | D03KGLL | 383,26 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Analyzer for Non-Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                    | E08DILL | 383,20 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Network Automation Reserved Resource Unit Subscription License                                                                                           | D09JJZX | 383,14 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module Non-Production per Processor Value Unit Annual SW Subscription & Support Renewal                 | E0LLLLL | 382,77 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Network Automation Resource Unit Subscription License                                                                                                    | D0542ZX | 382,63 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                        | D55V2LL | 382,63 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | Noname Advanced API Security for IBM Additional Endpoints Resource Value Unit Subscription License                                                                         | D0EU6ZX | 382,51 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender on DataPower (Virtual) Processor Value Unit SW Subscription & Support Renewal                                                         | E0BP6ZX | 382,20 | Manutenção após Vigência |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Management Express Use Authorized User Monthly License                                                                                                           | D1D2HLL | 380,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Service Endpoint Connectivity Paygo Instance Pay per Use                                                                                               | D01MGZX | 379,97 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Enterprise Edition Non-Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                               | E0M5FLL | 379,50 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Custom Domain Hub - Standard Edition for Non-Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal            | E0CY3LL | 378,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub - Standard Edition for Non-Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal             | E0CYBLL | 378,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Extended Edition 10 Processor Value Units (PVUs) Trade Up from IBM Storage Protect License + SW Subscription & Support 12 Months                              | D1IWQLL | 378,32 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Developer for i RPG & COBOL Tools Authorized User Monthly License                                                                                                    | D1BK3LL | 378,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera faspio Client 100 Install SW Subscription & Support Reinstatement 12 Months                                                                                            | D26FXLL | 376,87 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud - Federal Concurrent User Advanced Support per Month                                                                                                             | E0G94ZX | 376,82 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Bot Creator Authorized User Extended Support Subscription License                                                         | X267ILL | 376,24 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM watsonx.ai Non-Production Virtual Processor Core Advanced Support Subscription License                                                                                        | Z0GQQZX | 376,24 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM watsonx.governance Model Management Non-Production Virtual Processor Core Advanced Support Subscription License                                                               | Z0H64ZX | 376,24 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Sol St Ed for JD Edwards Ent Ed Arc File Access 10 Processor Value Units (PVUs) LIC + SW S&S 12 MO                                               | D076NZX | 375,23 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2B Integrator Basic and Standard for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D1FPALL | 374,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition per Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                   | D0CJELL | 374,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database per Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                            | D0CJALL | 374,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Enterprise - Nonproduction Edition Processor Value Unit Annual SW Subscription & Support Renewal 12 Months                                          | E0RBZLL | 373,93 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Insights Pro per 10 TERABYTES Overage                                                                                                                                 | D1M7BLL | 373,71 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition per Client Device Annual SW Subscription & Support Renewal                                                                     | E08L8LL | 373,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database per Client Device Annual SW Subscription & Support Renewal                                              | E08L6LL | 373,43 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager Enterprise Edition Authorized User Value Unit Monthly License                                                                    | D1FY6LL | 373,28 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Content Manager Authorized User Value Unit Monthly License                                                                               | D1G0TLL | 373,28 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Targetprocess Targetprocess User per Month                                                                                                | D0GV1ZX | 373,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Data Storage on Cloud Gigabyte Advanced Support per Month                                                                              | E0G55ZX | 373,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flow Analytics 10K Flows Per Minute Advanced Support per Month                                                                   | E0DZVZX | 373,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Engagement - Enterprise Integration Thousand Registrations per Month                                                      | D1RDDLL | 373,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AlchemyAPI for IBM Cloud 10000 Events Pay Per Use                                                                                                | D1J6WLL | 370,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Financial Enterprise Edition Processor Value Unit (PVU) Monthly License                                                    | D183VLL | 369,97 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Business Service Manager for the Enterprise Tier 1 Resource Value Unit Annual SW Subscription & Support Renewal                           | E0BG9LL | 369,40 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Db2 for z/OS Remote Source Resource Value Unit Subscription License                                                             | D04QKZX | 369,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server for Data Quality and Governance Processor Value Unit (PVU) Monthly License                                         | D19IRLL | 369,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server for Data Quality and Governance Processor Value Unit (PVU) Monthly License                                         | D19ISLL | 369,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Function-Expedited DCS Instance Advanced Support per Month                                                   | E0E7ZZX | 368,74 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Premium Edition from Standard Edition Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J4MLL | 368,34 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM Maximo for Utilities Authorized User Extended Support Subscription License                                                                       | X07N8ZX | 367,46 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud App Management Extension Pack Managed Container License + SW Subscription & Support 12 Months                                              | D22YJLL | 367,27 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Function-DCS Instance Advanced Support per Month                                                             | E0FM5ZX | 366,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Additional Planning Storage 250 Gigabytes per Month                                                                           | D1JT5LL | 366,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud - Federal Concurrent User Advanced Support per Month                                                                                | E0G91ZX | 365,62 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Symphony Server and VM Harvesting Virtual Server Subscription License                                                                   | D28GELL | 365,40 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Product Master Limited Use per Resource Value Unit Monthly License                                                                               | D1GQ4LL | 364,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudant for IBM Cloud 100 Gigabyte-Months Pay Per Use                                                                                           | D16J1LL | 364,36 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Financial Standard Edition for Non-Prod Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal  | E0BVYLL | 363,67 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Verify 1000 Event Overage                                                                                                         | D01T1ZX | 362,52 | Saas                      |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Non-Production Authorized User License + SW Subscription & Support 12 Months                           | D26WBLL | 362,44 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for MongoDB Virtual Processor Core Virtual Processor Core Pay per Use                                            | D0319ZX | 362,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Store Edition Large Certified Container Resource Value Unit Advanced Support Subscription License           | Z28LVLL | 361,19 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Non-Ref Pgm FTP logs Non-Prod Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D223ELL | 359,81 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Non-Ref Pgm FTP logs Non-Prod Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D223GLL | 359,81 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Breach Response on Cloud Add-On (AU) Authorized User Overage                                                                 | D22U6LL | 359,31 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix OnLine Extended Edition Registered User SW Subscription & Support Reinstatement 12 Months                                         | D51R0LL | 358,74 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault On-Premises Non-Production for Business Users per User Value Unit Monthly License                          | D05YAZX | 358,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault On-Premises Non-Production for Privileged Users per User Value Unit Monthly License                        | D05Y2ZX | 358,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Standard Edition A Active Entity ID Advanced Support per Month                                               | E0E7RZX | 358,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Cursive Recognition for Non-Production Environment Processor Value Unit (PVU) Monthly License                                      | D1JYHLL | 358,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Network Scanning Device Resource Value Unit Monthly License                                                                        | D1G06LL | 358,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Occasional Authorized User Value Unit Monthly License                                                                              | D1G02LL | 358,06 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Amos Authorized User Subscription License Upgrade                                                                                     | D0EGWZX | 357,42 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM TRIRIGA Connector for Business Applications for Non-Prod Environment Install Advanced Support Subscription License                         | Z07E0ZX | 357,42 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Enterprise Planning TM1 Explorer Authorized User Monthly License                                                                    | D1RAVLL | 356,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Ceph Pro Edition Terabyte Annual Software Subscription and Support Renewal                                                         | E0DSIZX | 356,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition per User Value Unit License + SW Subscription & Support 12 Months                                   | D1GV6LL | 355,44 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced for Non-Production Environment Processor Value Unit (PVU) Software Subscription and Support Reinstatement 12 Months            | D052IZX | 355,13 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Noname Advanced API Security as a Service for IBM Managed Endpoint Resource Unit Overage                                                       | D0EUGZX | 355,06 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Enterprise Edition Add-On Network Scanning Device Resource Value Unit Annual SW Subscription & Support Renewal                     | E0M4DLL | 353,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Enterprise Edition Add-On Occasional Authorized User Value Unit Annual SW Subscription & Support Renewal                           | E0M4BLL | 353,91 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow Feed Annual SW S&S Rnwl                                                                                                                   | E0BIXZX | 353,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow Feed Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                             | D0BIWZX | 353,41 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning TM1 Explorer Workspace Add-On Authorized User Annual SW Subscription & Support Renewal                                                                      | E0N8ULL | 353,33 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Standard Authorized User Extended Support Subscription License                                                                                                         | X0EQ8ZX | 352,41 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Object Storage System Terabyte Annual SW Subscription & Support Renewal 12 Months                                                                                                | E0MLCLL | 351,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Non-Production Authorized User LIC + SW S&S 12 MO                                                                       | D08S9ZX | 351,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Standard Edition Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                    | D0Q0LLL | 351,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentran for Non-Production Environment from Gentran Director Pro Non-Production Environment Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J4SLL | 351,28 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Standard Select Edition Storage Device Extended Support Subscription License                                                                                          | X29Z7LL | 351,15 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition Processor Value Unit (PVU) Monthly License                                                                                        | D182LLL | 351,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server for Data Integration Processor Value Unit (PVU) Monthly License                                                                                          | D19INLL | 350,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Web Application Pattern Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                            | E0C4CLL | 349,65 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Daeja ViewONE Virtual 1000 External Pack User Value Unit Monthly License                                                                                                               | D1HFNLL | 349,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Analytics Enterprise Cartridge for IBM CPD Reserved Authorized User Advanced Support Subscription License                                                                     | Z0AA1ZX | 349,28 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DataPower Gateway Virtual Edition for Non Production Environment Processor Value Unit Annual Software Subscription & Support Renewal                                                   | E0KHQLL | 348,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Print Fonts Printer Annual SW Subscription & Support Renewal                                                                                                                   | E052LLL | 348,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management PA Managed Virtual Server Lic + SW S&S 12 Mo                                                                                          | D141VLL | 348,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Standard Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                    | E09RELL | 348,45 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud test environment Authorized User Monthly Subscription w/ Support per Month                                                                                                | D1NHLLL | 348,21 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition for Non-Production Environment per Entity ID Software Subscription and Support Renewal 12 Months                                | E0QPGLL | 346,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Outcome Management Professional Authorized User Annual SW Subscription & Support Renewal                                                                                         | E0E6JLL | 346,45 | Manutenção após Vigência  |



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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Standard Connection Annual SW Subscription & Support Renewal                                                                                    | E0BWTLL | 346,45 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Linear Asset Manager Add-on Saas Flex Concurrent User Overage                                                                                              | D1UJLL  | 345,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Account Lifecycle Manager for Users Authorized User Advanced Support 12 Months                                                              | E0E93ZX | 345,48 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Front End Terabyte (251-500) Extended Support Subscription License                                                                            | X2A2TLL | 344,88 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure Proxy Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                             | E0BVZLL | 344,79 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Protect for Workstations 25 Client Devices Monthly License                                                                                                   | D1ISHLL | 343,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Suite - Archive Option Terabyte Monthly License                                                                                                       | D1INVLL | 343,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Suite - IBM Cloud Object Storage Option Managed Terabyte Monthly License                                                                              | D1V8KLL | 343,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Application Server Liberty Core per Virtual Processor Core Monthly License                                                                                  | D1NZDLL | 343,13 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for NAS per Authorized User License + SW Subscription & Support 12 Months                                                           | D1X5VLL | 342,76 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Scale Standard Edition for Linux on Z, Server license per 10 Processor Value Units Annual SW Subscription & Support Renewal 12 Months                        | E0NZ4LL | 342,76 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Host Access Client Package for iSeries Authorized User Annual SW Subscription & Support Renewal                                                                       | E0049LL | 342,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF License Scheduler Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                  | D02Z4ZX | 341,68 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Standard 10 Eligible Participants Advanced Support 12 Months                                                                                 | E0DW1ZX | 340,92 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Standard for Retail100 Eligible Participants Advanced Support 12 Months                                                                      | E0DW0ZX | 340,92 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Unlimited Edition for System i Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                               | D58B9LL | 339,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution for Oracle Applications Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                     | E0H9XLL | 339,91 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Platform Private Cloud Data Services with IBM Virtual Processor Core Subscription License                                                                   | D0BGIZX | 339,87 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication for Continuous Availability Cartridge for Db2 Warehouse for IBM Cloud Pak for Data Non-Production Virtual Processor Core Subscription License        | D08MVZX | 339,56 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Asset Management Internal Service Providers Authorized User Monthly License                                                                                    | D18QTLL | 339,56 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2B Integrator and Sterling File Gateway Enterprise Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0LF3LL | 338,49 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Network Deployment with Custom Pattern Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0KZ8LL | 338,49 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Browser for Business Premium Support 10 Eligible Participants per Annum                                                           | D172GLL | 338,04 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Browser for Retail Premium Support 100 Eligible Participant per Annum                                                             | D172CLL | 338,04 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Carbon Copy for Retail Premium Support 100 Eligible Participants per Annum                                                      | D1720LL | 338,04 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Carbon Copy Premium Support 10 Eligible Participants per Annum                                                                  | D171HLL | 338,04 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Fraud Feeds for Business Premium Support 10 Eligible Participants per Annum                                                      | D172ZLL | 338,04 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Fraud Feeds for Retail Premium Support 100 Eligible Participant per Annum                                                        | D1728LL | 338,04 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Business Premium Supp 10 Eligible Participants per Annum                                                 | D1719LL | 338,04 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Retail Premium Supp 100 Eligible Participant per Annum                                                   | D1715LL | 338,04 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Remediation for Retail Premium Support 100 Eligible Participant per Annum                                                        | D173HLL | 338,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Content Collector Edition Employee User Value Unit Annual SW Subscription & Support Renewal                                    | E0F87LL | 337,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Express Edition User Option Authorized User Single Install Annual SW Subscription & Support Renewal                                      | E01RYLL | 337,92 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local TM1 Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                           | E08BCLL | 337,92 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Modernization Authorized User Subscription License                                                                          | D03EJZX | 337,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Suite Capacity User Value Unit Monthly License                                                                                       | D1VP2LL | 337,36 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Foundation Employee User Value Unit Annual SW Subscription & Support Renewal                                                              | E0HQVLL | 336,82 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Turbonomic Application Resource Management On Prem Managed Virtual Server Monthly License                                                         | D28F9LL | 336,74 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Integration for Enterprise Non-Production Environments Per Processor Value Unit (PVU) Monthly License                                        | D1RHFLL | 336,71 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Manager for Client Managed Client Device per Annum                                                                      | D04HXZX | 336,60 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Remediation for Business Premium Support 10 Eligible Participants per Annum                                                  | D1SIBLL | 336,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Appeals Professional Authorized User License + SW Subscription & Support 12 Months                                                          | D0QPYLL | 336,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Financial Transaction Manager for z/OS Developer Edition per Concurrent User Annual SW Subscription & Support Renewal                             | E0PCELL | 336,35 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Monitoring and Support for Java Server Virtual Processor Core SW Subscription & Support Renewal                                                        | EOPSULL | 336,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition for Non-Production Resource Value Unit Annual SW Subscription & Support Renewal 12 Months       | EORCILL | 336,16 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for Database Services per Resource Value Unit (MAPC) Monthly License                                                 | D277JLL | 334,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Insights Pro per 10 TERABYTES per Month                                                                                                        | D1M7ALL | 334,53 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Enterprise Server Edition Authorized User Single Install Annual SW Subscription & Support Renewal      | EOKSZLL | 333,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Enterprise Server Edition Authorized User Single Install Annual SW Subscription & Support Renewal | EOKT7LL | 333,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Enterprise Server Edition Authorized User Single Install Annual SW Subscription & Support Renewal                      | EOKS6LL | 333,66 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Discover and Classify for Unstructured Data per Resource Value Unit (TB) Subscription License                                                 | D0CF7ZX | 332,34 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Mgmt Software Store Edition Small Certified Container Resource Value Unit SL UPGRADE                                                    | D0C0QZX | 332,34 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Enterprise Processor Value Unit (PVU) Monthly License                                                                            | D183RLL | 331,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager for Non-Production Environment Authorized User Monthly License                                                                | D1PWLLL | 330,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Control Storage Capacity Unit (1251-2000) per Month                                                                                           | D1N4ULL | 330,22 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud M365 with Storage Authorized User per Annum                                                                                  | D09S8ZX | 329,88 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud Salesforce with Storage Authorized User per Annum                                                                            | D0BY8ZX | 329,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Verify 1000 Event per Month                                                                                                             | D01T0ZX | 329,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Analytics Multiple User Storage Add-on Per 50 Gigabytes Monthly Subscription with Support                                                       | D1BD0LL | 329,56 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Protect for Workstations - Starter Edition Client Device License + SW Subscription & Support 12 Months                                        | D1IVHLL | 329,39 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | DevOps for IBM Cloud Paks Resource Value Unit Advanced Support Subscription License                                                                        | Z28I1LL | 329,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Enterprise Edition Non-Production Special Edition Virtual Processor Core Advanced Support Subscription License                      | Z080DZX | 329,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Aggregator Software Appliance Install Monthly License                                                                                | D08K6ZX | 328,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Collector Software Appliance Install Monthly License                                                                                 | D08K7ZX | 328,78 | Saas                      |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Supply Chain EDI for Non Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                 | D1L52LL | 328,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ for HPE Virtualized NonStop Processor Value Unit (PVU) Annual SW S&S Renewal                                                                                   | E08NCZX | 327,83 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-eInvoicing Clearance 350 Documents Advanced Support per Month                                                                 | E0EBHZX | 327,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MongoDB Enterprise Virtual Cores Virtual Processor Core Pay Per Use                                                                           | D27KKLL | 327,28 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Japanese Language Extractor for zEnterprise BladeCenter Extension Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E0H20LL | 327,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Modeler Server Premium Japanese Language Extractor Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                       | E09LFLL | 327,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                           | D0EK1LL | 327,06 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Breach Response on Cloud Add-On (AU) Authorized User per Month                                                                                      | D22U5LL | 326,70 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Microsoft Office Employee User Value Unit License + SW Subscription & Support 12 Months                        | D1G7QLL | 326,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Permanent Redaction Employee User Value Unit License + SW Subscription & Support 12 Months                     | D1HIILL | 326,49 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                             | E08UUZX | 325,84 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Upgrade Environment Authorized User SW Subscription & Support Reinstatement 12 Months                                                                        | D29M7LL | 325,84 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager Authorized User per Month                                                                                                                            | D1H86LL | 325,83 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Express Server Edition Authorized User Single Install SW Subscription & Support Reinstatement 12 Months                           | D1CCDLL | 325,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Manager On-Premises Non-Production for Server per Managed Virtual Server License + SW Subscription & Support 12 Months                  | D05YQZX | 324,20 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ for HPE NonStop Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                            | E02DTLL | 323,39 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Digital Business Global User 3rd Party per Month                                                                                                                  | D020WZX | 323,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn B2B API Gateway 500 API Calls Overage                                                                                         | D08NMZX | 323,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn B2B API Gateway 500 API Calls Subscription per Month                                                                          | D08NLZX | 323,34 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps Resource Unit SW Subscription and Support Renewal 12 Months                                                                            | E0R4WLL | 323,00 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Actiance Archive Contract Level Additional Storage 100 Gigabytes 3rd Party per Month                                                                                  | D1JW2LL | 322,94 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Actiance Socialite Saas Suite Authorized User 3rd Party per Month                                                                                                        | D1JW4LL | 322,94 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Front End Terabyte (1-100) Advanced Support Subscription License                                                                             | Z2A2RLL | 322,94 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Noname Advanced API Security as a Service for IBM Managed Endpoint Resource Unit per Month                                                                               | D0EUFZX | 322,73 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Processor Value Unit (PVU) from WebSphere Application Server Standard Server Trade Up License + SW Subscription & Support 12 Months     | D55WALL | 322,50 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand for i Enhanced Retention Management Processor Value Unit Annual SW Subscription & Support Renewal                                           | E08LILL | 321,44 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center CPLEX Server Processor Value Unit (PVU) Monthly License                                                                                 | D17ZXLL | 320,89 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Enterprise Resource Planning 10 Processor Value Units (PVUs) Annual SW Subscription & Support Renewal                                            | E0LVULL | 320,86 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Network Deployment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                  | E025SLL | 320,36 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix SQL Development Authorized User for zSeries S390 Monthly License                                                                                            | D19Q0LL | 320,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix SQL V4.x Development Registered User Monthly License                                                                                                        | D19RGLL | 320,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Snapshot per Terabyte 1-12 Monthly Licence                                                                                                           | D11LELL | 320,17 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Automated Network Observability Managed Client Device SW S&S Reinstate 12 Mo                                                                                  | D0GK7ZX | 319,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Monitoring and Support for Java Desktop Authorized User License + SW Subscription & Support                                                                          | D223LLL | 319,74 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data for Planning Analytics Advanced Reserved Authorized User Advanced Support Subscription License                                                    | Z09P8ZX | 319,18 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Symphony Advanced Edition Resource Value Unit Subscription License                                                                                          | D28G8LL | 318,72 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Supply Chain EDI Non-Production for Red Hat OpenShift Virtual Processor Core Extended Support Royalty Subscription License | X28KPLL | 318,55 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for SAP Applications for Non Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                    | D1PTALL | 318,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Single Client View Professional per Authorized User License + SW Subscription & Support 12 Months                                                              | D1R1BLL | 318,24 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify On-Premises per 1000 FlexPoint Monthly License                                                                                                       | D25M5LL | 317,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Personality Insights for IBM Cloud 100 API calls Pay Per Use                                                                                                  | D1DUMLL | 317,66 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Disaster Recovery 100 Resource Unit Subscription License Upgrade                                                                      | D0AEKZX | 317,29 | Upgrade                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Security QRadar Suite Software Disaster Recovery Reserved 100 Resource Unit Subscription License Upgrade                                                             | D0B51ZX | 317,29 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Water Operations for Waternamics on Cloud Flow Integration Add-On Thousand Items Overage                                                                             | D0077ZX | 317,12 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM MQ for Non-Production Environment Processor Value Unit (PVU) LIC + SW S&S 12 MO                                                                                  | D0ETIZX | 316,60 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Client Device SW Subscription & Support Reinstatement 12 Months                                                                                  | D1IWMLL | 316,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Extended Edition Client Device SW Subscription & Support Reinstatement 12 Months                                                                 | D1IX0LL | 316,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for SAN Client Device SW Subscription & Support Reinstatement 12 Months                                                                          | D1IVMLL | 316,08 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Base Virtualization Software Storage Capacity Unit (501-750) Monthly License                                                                                     | D1NDZLL | 315,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Authorized User Subscription License                                                                  | D03I7ZX | 315,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (501-750) Monthly License                                                                                   | D1PVMML | 315,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (501-750) Monthly License                                                                                              | D1PVULL | 315,86 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Business Automation Workflow Enterprise Service Bus for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0NUCLL | 314,47 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Essentials Software API Call Add On Monthly API Calls Advanced Support Subscription Lic                                                              | Z0GPKZX | 314,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Account Lifecycle Manager On-Premises for Users Authorized User Monthly License                                                        | D06T3ZX | 314,16 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Management Software Call Center Add-on for Red Hat OpenShift User Value Unit Subscription License                                                 | D28LYLL | 314,16 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Bot Runner for Non-ProduSUBion Environment Virtual Server Extended Support Subscription License              | X267HLL | 313,53 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | InfoSphere Optim Data Privacy Enterprise Edition Processor Value Unit (PVU) Monthly License                                                                          | D0B9JZX | 312,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Accounts Payable Add-On Employee User Value Unit Monthly License                                                                                         | D1DB4LL | 311,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Accounts Payable Add-On to Production Imaging Edition Employee User Value Unit Monthly License                                                           | D1DB0LL | 311,55 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Inventory Authorized User License + SW Subscription & Support 12 Months                                                                                     | D29MQLL | 311,19 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Digital Business Suite User 3rd Party per Month                                                                                                                  | D01QBZX | 310,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Enterprise Plus User per Month                                                                                                                                   | D070KZX | 310,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Environmental Intelligence Suite AppPoint per Month                                                                                                              | D042PZX | 310,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Envizi ESG Suite AppPoint per Month                                                                                                                              | D09SJZX | 310,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Application Suite Dedicated Capacity Unit per Month                                                                                                       | D02QTZX | 310,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PAIRS Geoscope - Data Movement 100 Gigabytes Pay Per Use                                                                                                         | D1TYSLL | 310,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising AddOn API Calls for Non Production Hundred Thousand API Calls Subscription per Month                                              | D0H0XZX | 310,91 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center Solutions Accelerator Server Edition Processor Value Unit (PVU) Monthly License                                                         | D17ZWLL | 310,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Modeler Server Premium Processor Value Unit (PVU) Monthly License                                                                                               | D17T2LL | 310,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Enterprise Edition Processor Value Unit (PVU) Monthly License                                                                                | D182HLL | 310,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Data Retention Terabyte (33-64) Monthly License                                                                                                  | D11PALL | 310,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Case Management Eligibility and Entitlement Add-On Professional per Authorized User Annual SW Subscription & Support Renewal                                   | E0N7DLL | 310,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Case Management Professional per Authorized User Annual SW Subscription & Support Renewal                                                                      | E0N78LL | 310,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager User Value Unit SW Subscription & Support Reinstatement 12 Months                                                               | D06DKLL | 310,62 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Premium Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                | D0J1WLL | 309,98 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for SAP Applications Non-Production for Red Hat OpenShift Virtual Processor Core Extended Support Royalty Subscription License | X28KKLL | 309,77 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Optim High Performance Unload for Db2 Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                   | D55JZLL | 309,41 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Scheduler Saas Flex Authorized User Overage                                                                                                               | D1UJ3LL | 307,17 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Voice Gateway 1000 Thousand Monthly Minutes SUBSCRIPTION LICENSE                                                                                                     | D07CAZX | 306,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Case Manager Storage Add-On 2.0 Terabyte Advanced Support per Month                                                                                                      | E0DVSZX | 305,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager OnDemand Storage Add-On 2.0 Terabyte Advanced Support per Month                                                                                          | E0FYYZX | 305,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Foundation Storage Add-On 2.0 Terabyte Advanced Support per Month                                                                                                | E0DVMZX | 305,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager Enterprise Edition on Cloud Storage Terabyte Advanced Support per Month                                                                                  | E0FZDZX | 305,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Storage Add-On Terabyte Advanced Support per Month                                                                                                           | E0FZUZX | 305,93 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Change Data Delivery for PureData System for Analytics Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                           | D1A6FLL | 305,44 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Server Suite On-Premises Enterprise Edition Virtual Server Monthly License                                                                 | D08QEZX | 305,10 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap High Speed Scanning Add on Authorized User Value Unit Annual SW Subscription & Support Renewal                                                               | E061DZX | 304,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Standard Edition for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                          | E0BW3LL | 304,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Workload Scheduler Processor Value Unit (PVU) License + SW Maintenance 12 Months                                                                                     | D56MTLL | 304,38 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Voice Agent with Watson variable usage 1000 Minutes Pay per use                                                                                                      | D1YM2LL | 303,98 | Saas                      |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution Starter Edition for JD Edwards Applications Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D0AP9LL | 303,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management Managed Virtual Network Device Annual SW Subscription & Support Renewal                                                | E0J99LL | 303,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                           | E064XLL | 302,65 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Monitoring Agent Builder/OS Agentless Monitoring Resource Value Unit Annual SW Subscription & Support Renewal                                                    | E0BLMLL | 302,65 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS Transaction Gateway Desktop Edition Authorized User Annual SW Subscription & Support Renewal                                                                       | E0AI3LL | 302,08 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Cognos Enterprise Planning for Non-Production Environment Processor Value Unit (PVU) Trade Up from Tier 1 Trade Up License + SW Subscription & Support 12 Months        | D0A0RLL | 302,08 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Extended Edition 10 Processor Value Units (PVUs) SW Subscription & Support Reinstatement 12 Months                                                      | D1IWPLL | 302,08 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud - Federal Authorized User Advanced Support per Month                                                                                                       | E0G93ZX | 301,58 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management Provider Hub - Advanced Edition Resource Value Unit Monthly License                                                                   | D19EDLL | 301,51 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Product Hub - Standard Edition for Financial Services Resource Value Unit Monthly License                                                                | D19D0LL | 301,51 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Merge Backup Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                           | D0G7ILL | 300,62 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Express Edition CPU Option Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                        | D55NQLL | 300,62 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Standard Edition Non-Production Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                  | D1K10LL | 300,12 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Discover Terabyte Annual SW Subscription & Support Renewal 12 Months                                                                                           | E0PM8LL | 300,12 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Composite Application Manager for Microsoft Applications Entry Per Server License Software Subscription & Support Renewal                                        | E04L1LL | 300,12 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Extended Deployment for Processor Value Unit (PVU)                                                                                                            | E02EALL | 300,12 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Extended Deployment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                       | E02A5LL | 300,12 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Enterprise Edition for SAP Applications for Non-Production Processor Value Unit (PVU) Monthly License                                     | D1G57LL | 299,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Manager for Server Non Production Managed Server Advanced Support 12 Months                                                                   | E0E8WZX | 299,16 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix SE Developer Concurrent Session Monthly License                                                                                                                | D19Q4LL | 298,48 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Advanced Cartridge for IBM Cloud Pak for Data Reserved Authorized User Advanced Support Subscription License                                         | Z09JVZX | 298,48 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-AddOn-Call Center Authorized User Overage                                                                                                     | D1YB7LL | 298,47 | Saas                     |



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| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-AddOn-Call Center Authorized User per Annum                                                                      | D1YBALL | 298,47 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Authorized User Subscription License Upgrade                                                                      | D0EP4ZX | 297,23 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Categories Authorized User Subscription License Upgrade                                                                               | D0EMEZX | 297,23 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Complex Samples Authorized User Subscription License Upgrade                                                                          | D0EL8ZX | 297,23 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Conjoint Authorized User Subscription License Upgrade                                                                                 | D0EL6ZX | 297,23 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Custom Tables Authorized User Subscription License Upgrade                                                                            | D0ENPZX | 297,23 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Decision Trees Authorized User Subscription License Upgrade                                                                           | D0ELWZX | 297,23 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Authorized User Subscription License Upgrade                                                                         | D0ELFZX | 297,23 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Exact Tests Authorized User Subscription License Upgrade                                                                              | D0EQ9ZX | 297,23 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Forecasting Authorized User Subscription License Upgrade                                                                              | D0EM6ZX | 297,23 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Missing Values Authorized User Subscription License Upgrade                                                                           | D0ENAZX | 297,23 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Neural Networks Authorized User Subscription License Upgrade                                                                          | D0ELSZX | 297,23 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Regression Authorized User Subscription License Upgrade                                                                               | D0ENVZX | 297,23 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Campus Edition Academic Authorized User Advanced Support Subscription Lic                                          | Z0FCKZX | 297,23 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Microsoft Office Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months             | D14ILL  | 297,19 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Permanent Redaction Authorized User Value Unit SW Subscription & Support Reinstatement 12 Months          | D1HGPLL | 297,19 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Analyzer on Cloud 1000 Pages Advanced Support per Month                                                        | E0DXLZX | 296,61 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudant for IBM Cloud Reserved Writes 100 Events per Second Pay Per Use                                                                   | D1PHZLL | 295,93 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Foundation Add On for IBM Content Manager Enterprise Edition Authorized User Value Unit Annual SW Subscription & Support Renewal   | E0HR1LL | 295,85 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli ITCAM for Microsoft Applications Advance Resource Value Unit Monthly License                                                        | D18QNLL | 295,05 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Actions on Cloud per Thousand Items Advanced Support 12 Months                                                               | E0E9MZX | 294,72 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Team Management on Cloud Add-On (AU) Authorized User Advanced Support 12 Months                                              | E0E9GZX | 294,72 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services Int Plus Client Process Spt with Client Customer Spt Entity ID Advanced Support per Month                                | E0E13ZX | 294,12 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere DataStage Workgroup Edition for Non Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E0BS1LL | 294,10 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition Federation Module per Processor Value Unit MONTHLY LICENSE                                          | D1GTULL | 293,98 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security (Gen 3) Disaster Recovery 100 Resource Unit Subscription Upgrade License                                            | D05MIZX | 293,46 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud - Federal Authorized User Advanced Support per Month                                                                          | E0G90ZX | 292,88 | Saas                     |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Digital Workplace Global User 3rd Party per Month                                                                                                                             | D020YZX | 292,25 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Gate on Cloud Non-Production Virtual Processor Core Extended Support Subscription Lic                                                                                    | X0H1YZX | 292,21 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Spatial Integration Adapter for WebSphere Studio Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                 | D55T5LL | 292,09 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Advanced Agile Discovery Managed Device SW Subscription & Support Reinstatement 12 Months                                                                                     | D28UFL  | 291,59 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM HTTP Server for WebSphere Application Server Hypervisor Edition on Red Hat Enterprise Linux Server per 10 Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E0AM9LL | 291,59 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Front End Terabyte (101-250) Advanced Support Subscription License                                                                                    | Z2A2SLL | 291,59 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender for Non Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                | E0MCYLL | 291,59 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Financial Payments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                       | E0MDGLL | 291,59 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Healthcare Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                               | E0MD4LL | 291,59 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Professional Hybrid Cloud Hundred Thousand API Calls Pay per use                                                                                                  | D1SRALL | 291,31 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Cache for IBM Cloud Small Instance Pay Per Use                                                                                                                           | D15UTLL | 291,31 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Session Cache for IBM Cloud Small Instance Pay Per Use                                                                                                                        | D15UWLL | 291,31 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Store Edition Medium Certified Container Resource Value Unit Extended Support Subscription License                                             | X28LULL | 290,33 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Premium Edition Annual 1000 Kilo Characters Advanced Support per Annum                                                                          | E0E7NZX | 290,28 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Premium Edition Annual 350 Documents Advanced Support per Annum                                                                                 | E0E7PZX | 290,28 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Value-Added Network-Annual 350 Documents Advanced Support per Annum                                                                                  | E0E7LZX | 290,28 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Value-Added Network-Annual1000 Kilo Characters Advanced Support per Annum                                                                            | E0E7KZX | 290,28 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Viewer Authorized User Overage                                                                                                               | D01Z8ZX | 289,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud Microsoft Dyanmics 365 with Storage Authorized User Overage                                                                                         | D0DGYZX | 289,76 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Viewer Processor Value Unit (PVU) Annual SW S&S Rnwl                                                                                                 | E0D2KZX | 289,45 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-B2B API Gateway 500 API Calls Advanced Support per Month                                                                                        | E0E7YZX | 289,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Premium Edition 1000 Kilo Characters Advanced Support per Month                                                                                 | E0E7EZX | 289,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Premium Edition 350 Documents Advanced Support per Month                                                                                        | E0EE3ZX | 289,15 | Saas                     |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Standard Edition 350 Document Advanced Support per Month                                                                        | E0EE7ZX | 289,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Standard Edition Thousand Kilo Character Advanced Support per Month                                                             | E0EE5ZX | 289,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Value-Added Network 350 Documents Advanced Support per Month                                                                         | E0EE1ZX | 289,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Value-Added Network Kilo Character Advanced Support per Month                                                                        | E0EE0ZX | 289,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Linear Asset Manager Add-on Saas Flex Concurrent User Subscription per Month                                                                       | D1UJILL | 288,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service Extended Data Retention-1 Year Gigabyte Overage                                                                   | D0PAALL | 288,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service Extended Data Retention-1 Year Gigabyte per Month                                                                 | D0MG8LL | 288,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Standard Edition AU Option for Non-Production Environments Authorized User Monthly License                                                                | D24PILL | 288,45 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition - Archive File Access Processor Value Unit (PVU) SW S&S Reinstate 12 Mo                                           | D0D9IZX | 288,39 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on Sterling B2B Integrator Standard Edition Connection Annual SW Subscription & Support Renewal                                     | E0BWGLL | 288,01 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics User Authorized User Subscription License                                                                                                    | D28CQLL | 287,14 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Express Authorized User Advanced Support per Month                                                                          | E0G8BZX | 286,66 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Policy Gateway Pattern for AIX Processor Value Unit (PVU) Monthly License                                                                           | D197FLL | 286,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Water Operations for Waternamics on Cloud Flow Integration Add-On Thousand Items Per Month                                                                    | D0076ZX | 286,03 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Processor Value Unit License + SW Subscription & Support 12 Months                                                        | D26VVLL | 284,63 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Usable Terabyte Storage Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                    | E0PL7LL | 284,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor for Transformation Extender Advanced Non-Production Environment Processor Value Unit SW Subscription & Support Reinstatement 12 Months | D1VC5LL | 284,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Workgroup Server Edition Authorized User Single Install Annual SW Subscription & Support Renewal              | E0KT1LL | 284,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Workgroup Server Edition Authorized User Single Install Annual SW Subscription & Support Renewal         | E0KT9LL | 284,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Workgroup Server Edition Authorized User Single Install Annual SW Subscription & Support Renewal                              | E0KSHLL | 284,12 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Campus Premium Server for Non-Prod Environment Processor Value Unit (PVU) Extended Support Subscription Lic                          | X0F72ZX | 283,43 | Assinatura                |

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| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Case Management Structured Decision Making Add-on Professional Authorized User License + SW Subscription & Support 12 Months | D1NGNLL | 283,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Datacap Rulerunner Enterprise Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                | E0BMILL | 283,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                  | E0CPULL | 283,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Services Director for Non-Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal     | E04PHLL | 283,06 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector Feed Annual SW S&S Rnwl                                                                                       | E0BIMZX | 282,49 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector Feed Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                 | D0BILZX | 282,49 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Bot Creator Authorized User Advanced Support Subscription License                            | Z267ILL | 282,18 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Authorized User Value Unit Annual SW Subscription & Support Renewal                                                        | E0JEULL | 281,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Services Director Workgroup Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                   | E0DE1LL | 281,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Standard Edition Resource Value Unit Initial Fixed Term License + SW Subscription & Support 12 Months                               | D0Q0FLL | 281,33 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Standard Edition Resource Value Unit Subsequent Fixed Term License + SW Subscription & Support 12 Months                            | E0DX3LL | 281,33 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Professional for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal           | E09RPLL | 281,33 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Enterprise Edition for Non-Production Environments Processor Value Unit (PVU) Monthly License                      | D19J1LL | 280,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Custom Domain Hub - Advanced Edition for Financial Services Resource Value Unit Monthly License                                   | D19DLLL | 280,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Organization Hub - Advanced Edition for Fin Svcs Resource Value Unit Monthly License                                              | D1D1MLL | 280,30 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Archive Option Terabyte Subscription License                                                                             | D28ETLL | 280,30 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - IBM Cloud Object Storage Option Managed Terabyte Subscription License                                                    | D28EVLL | 280,30 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Advanced Workgroup Edition CPU Option Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                               | E0D70LL | 280,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Digital Workplace User 3rd Party per Month                                                                                                       | D020XZX | 279,81 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Instana Observability Business Monitoring Managed Virtual Server Overage                                                                         | D0FQNZX | 279,81 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Campus Edition Academic Concurrent User Extended Support Subscription Lic                                               | X0FCCZX | 279,67 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect 10 Processor Value Units (PVUs) License + SW Subscription & Support 12 Months                                                    | D11QHLL | 279,46 | Permanente com Manutenção |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Manager Open Edition Virtual Processor Core Extended Support Subscription License                                                                                                   | X0BESZX | 279,05 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere DataStage Processor Value Unit (PVU) Monthly License                                                                                                                              | D19G5LL | 279,05 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Remote Capture Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                                                   | E051XLL | 278,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Spatial Asset Management Authorized User Annual SW Subscription & Support Renewal                                                                                                     | E0AVZLL | 278,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Lifecycle User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                       | D1B37LL | 278,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli System Automation for Integrated Operations Management Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                            | E025ILL | 278,88 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Enterprise Server Edition Processor Value Unit (PVU) Monthly License                                                                                                            | D19PFLL | 278,41 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages General User on Cloud Authorized User Overage                                                                                                                                      | D026RZX | 277,95 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Calibration Add-on Saas Flex Concurrent User Overage                                                                                                                              | D1UJBLL | 276,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Spatial Asset Management Add-on Saas Flex Concurrent User Overage                                                                                                                 | D1UJNLL | 276,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Fusion Advanced Virtual Processor Core Monthly License                                                                                                                               | D0ER8ZX | 276,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Processor Value Unit (PVU) License + SW Subscription & Support 12Months                                                       | D08KNZX | 276,10 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Z/TPF Limited License For Development and Test Authorized User Single Session Subscription License                                                                                           | D29BSLL | 275,66 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Standard for Symphony Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                     | D02YJZX | 275,60 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex Express Use Authorized User Overage                                                                                                                                     | D1V1BLL | 275,47 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Authorized User Value Unit Monthly License                                                                                                                          | D1FYCLL | 274,95 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for Big Data per Resource Value Unit (MVS) Extended Support Subscription License                                                                           | X29AALL | 274,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM B2B Gateway Pack for Non Production Environments Processor Value Unit (PVU) Monthly License                                                                                                  | D1YIRLL | 274,23 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli System Automation for Multiplatforms Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                         | D03LKLL | 273,96 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Integration - API Calls Resource Value Unit Subscription License                                                                                                               | D052XZX | 273,40 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF License Scheduler Resource Value Unit Initial Fixed Term License + SW Subscription & Support 12 Months                                                                          | D02Z0ZX | 273,36 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF License Scheduler Resource Value Unit Subsequent Fixed Term License + SW Subscription & Support 12 Months                                                                       | E02Z5ZX | 273,36 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Processor Value Unit (PVU) from IBM WebSphere Application Server Liberty Core Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0ZEALL | 273,36 | Upgrade com Manutenção    |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Processor Value Unit (PVU) from WebSphere Application Server Express Trade Up License + SW Subscription & Support 12 Months                                                                                           | D55WBLL | 273,36 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure Gateway Enterprise for IBM Cloud Additional Gateways Item Pay Per Use                                                                                                                                                                       | D1SKYLL | 273,08 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM CICS Transaction Gateway Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                                                                                       | E021BLL | 289,45 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Collector for File Systems Processor Value Unit (PVU) Monthly License                                                                                                                                                                      | D1FYQLL | 272,78 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Collector for Microsoft SharePoint Processor Value Unit (PVU) Monthly License                                                                                                                                                              | D1FYSLL | 272,78 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Time Series Database for IBM Cloud Instance Pay Per Use                                                                                                                                                                                            | D16H5LL | 272,56 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution Processor Value Unit (PVU) Annual SW S&S Rnwl                                                                                                                                                       | E06L0LL | 272,14 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution Processor Value Unit (PVU) Annual SW S&S Rnwl                                                                                                                                                       | E08Q0LL | 272,14 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Product Hub - Standard Edition for Non-Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal                                                                                       | E0CYFLL | 270,93 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for Database Services per Resource Value Unit (MAPC) Subscription Licen                                                                                                                                          | D29AMLL | 270,89 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Guardium Insights for IBM Cloud Pak for Security Reserved Resource Value Unit Subscription License                                                                                                                                        | D09JAZX | 270,89 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Snapshot per Terabyte 13-32 Monthly Licence                                                                                                                                                                                        | D11LTLL | 270,89 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services Int Plus Client Process Spt with Client Supplier Spt Entity ID Advanced Support per Month                                                                                                                                        | E0E14ZX | 270,49 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Maximo Archiving Adapter for InfoSphere Optim Data Growth Solution Authorized User Annual SW Subscription & Support Renewal                                                                                                                        | E07UVLL | 270,27 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor Non-Production for Red Hat OpenShift Virtual Processor Core Monthly License                                                                                                                                        | D27J9LL | 270,27 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Management Gold Program Business Intelligence Bundle Processor Value Unit (PVU) Monthly License                                                                                                                                               | D19NHLL | 269,01 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Optim Data Privacy Solution for SAP Applications Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                                                      | D08FCLL | 268,48 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Non Production Processor Value Unit (PVU) Trade up from IBM Transformation Extender Pack for Financial Payments PVU for Non Prd Trade Up License + SW Subscription & Support | D08WXZX | 266,69 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM Data Replication for Non-Production Environments Per Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                                                                                                 | E0N97LL | 266,51 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Storage Optimization Feature for Enterprise Edition Processor Value Unit (PVU) SW Subscription & Support Renewal                                                                                                                          | E06W0LL | 266,00 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Base Virtualization Software Storage Capacity Unit (751-1250) Monthly License                                                                                                                                                                      | D1NE0LL | 265,61 | Saas                     |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------|---------|--------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (751-1250) Monthly License                                           | D1PVVLL | 265,61 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (751-1250) Monthly License                                | D1PVNLL | 265,61 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition Non-Production per Processor Value Unit MONTHLY LICENSE                 | D1GTLLL | 265,47 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Professional 5M for IBM Cloud Hundred Thousand API Calls Pay Per Use                               | D1PELLL | 264,97 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Professional for Application Integration Suite Level 1 Hundred Thousand API Calls Pay Per Use      | D1SIQLL | 264,97 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Professional for Application Integration Suite Level 2 Hundred Thousand API Calls Pay Per Use      | D1SIRLL | 264,97 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Professional for Application Integration Suite Level 3 Hundred Thousand API Calls Pay Per Use      | D1SISLL | 264,97 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Continuous Delivery Pipeline for IBM Cloud Application instance Pay Per Use                                    | D15VDLL | 264,97 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog PayGo Standard Edition Authorized User Pay per Use                                    | D0444ZX | 264,97 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Studio Standard for Bluemix 10 Gigabytes-Months Pay per Use                                   | D00EAXZ | 264,97 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Visual Recognition Custom Model Training for IBM Cloud Event Pay Per Use                                | D22WILL | 264,97 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Symphony Standard Edition Resource Value Unit Monthly License                                         | D191QLL | 264,90 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Saas for US Federal Concurrent User Advanced Support per Month     | E0EFJZX | 264,89 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak System Software Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                  | E0J9NLL | 264,78 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Standard Authorized User Advanced Support Subscription License                                 | Z0EQ8ZX | 264,62 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Aggregator Software Appliance Install Subscription License                                   | D29QVLL | 264,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Collector Software Appliance Install Subscription License                                    | D29QUll | 264,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Viewer Authorized User per Month                                              | D01Z7ZX | 263,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Premium Authorized User per Month                                                    | D20EQLL | 263,65 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud Microsoft Dyanmics 365 with Storage Authorized User per Annum                        | D0DGXZX | 263,40 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Standard Select Edition Storage Device Advanced Support Subscription License                  | Z29Z7LL | 263,37 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Big Replicate for Object Stores Terabyte Monthly License                                                       | D1YFULL | 261,30 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure File Transfer-Premium Edition for Non-Production Environment Processor Value Unit (PVU) Monthly License | D22IKLL | 261,30 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum LSF Suite User Capacity User Value Unit Subscription License                                          | D28FSLL | 261,30 | Assinatura               |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM CPLEX Optimizer Deployment Entry Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                     | E0INDLL | 261,16 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Patient Hub - Advanced Edition Limited Use Resource Value Unit Annual SW Subscription & Support Renewal        | E0JZ6LL | 261,16 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud Concurrent User Advanced Support per Month                                                                                          | E0E1QZX | 261,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Request Central Concurrent User Monthly License                                                                                          | D18X2LL | 260,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Application Server Liberty Core 20 Authorized User Single Install Monthly License                                                      | D197GLL | 260,59 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Management Managed PA Managed Virtual Server From NNM EMS Trdup Lic + SW S&S 12 Mo                                    | D15RXLL | 259,94 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Management Managed PA Managed Virtual Server From OMNI EMS Trdup Lic + SW S&S 12 Mo                                   | D141YLL | 259,94 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Operations Management Managed Virtual Server from NNM Combined Device Trdup Lic + SW S&S 12 Mo                     | D15R2LL | 259,94 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Operations Management Managed Virtual Server from NNM Entry Device Trdup Lic + SW S&S 12 Mo                        | D15R1LL | 259,94 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Operations Management Managed Virtual Server from NNM Event Device Trdup Lic + SW S&S 12 Mo                        | D15RWLL | 259,94 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Operations Management Managed Virtual Server from Omni Device Trdup Lic + SW S&S 12 Mo                             | D141XLL | 259,94 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Premium Edition for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D0J1RLL | 259,94 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentran for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                     | D0J0MLL | 259,94 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Modernization Authorized User Subscription License Upgrade                                                                 | D03EIZX | 259,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Extended Parallel Server (XPS) Processor Value Unit (PVU) Monthly License                                                               | D19NGLL | 259,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Store Inventory Management Add-on Resource Value Unit Monthly License                                                  | D184RLL | 259,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Distribution Facility for i Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months               | E0MKGLL | 259,35 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Report Distribution Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                 | E01ZNLL | 259,35 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for SAP HANA per Resource Value Unit Extended Support Subscription License                                     | X29AKLL | 258,98 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Front End Terabyte (251-500) Advanced Support Subscription License                                                       | Z2A2TLL | 258,98 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Maximo Application Suite per AppPoint Subscription License Upgrade                                                                               | D28B5LL | 258,35 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo IT per AppPoint Subscription License Upgrade                                                                                              | D0GKKZX | 258,35 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Front End Terabyte (501-750) Extended Support Subscription License                                                       | X2A2ULL | 258,35 | Assinatura                |



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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Provider Hub - Standard Edition Limited Use Resource Value Unit Annual SW Subscription & Support Renewal          | E0JYMLL | 257,98 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center Server Bundle for Non Production Processor Value Unit (PVU) Monthly License                                            | D1M2ELL | 257,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere eXtreme Scale Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                         | E02E9LL | 257,48 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (1-100) Extended Support Subscription License                                                                        | X0CZ0ZX | 257,09 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Solution for Application Retirement - Archive File Access Resource Value Unit LIC + SW S&S 12 MO                                   | D077TZX | 256,90 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Single-Function User Value Unit SW Subscription & Support Reinstatement 12 Months                                                         | D0VGRLL | 256,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                           | D55W9LL | 256,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub Standard Edition Limited Use Resource Value Unit SW Subscription & Support Reinstatement 12 Months | D16FKLL | 256,29 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Express Cognos Analytics User per Authorized User Monthly License                                                                | D17M8LL | 256,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Scheduler Saas Flex Authorized User Subscription per Month                                                                               | D1UJ2LL | 256,19 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service Extended Data Retention-3 Year Gigabyte Overage                                                         | D0PA7LL | 256,19 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service Extended Data Retention-3 Year Gigabyte per Month                                                       | D0MG4LL | 256,19 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Extended Data Retention 3 Year Gigabyte Overage                                                             | D0PA2LL | 256,19 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Extended Data Retention 3 Year Gigabyte per month                                                           | D0P9NLL | 256,19 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet eForms for P8 Employee User Value Unit Annual SW Subscription & Support Renewal                                                             | E0539LL | 254,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Agile Service Manager 10 Managed Client Devices SW Subscription & Support Reinstatement 12 Months                        | D1TJFLL | 254,78 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for Managed Service Provider Add-on Saas Flex Authorized User Overage                                                                    | D1UJ5LL | 253,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Nuclear Add-on Saas Flex Authorized User Overage                                                                                         | D1UK2LL | 253,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Oil and Gas Add-on Saas Flex Authorized User Overage                                                                                     | D1UK6LL | 253,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Transportation Add-on Saas Flex Authorized User Overage                                                                                  | D1UJQLL | 253,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Utilities Add-on Saas Flex Authorized User Overage                                                                                       | D1UKALL | 253,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Entry Instance Pay Per Use                                                                                                   | D1D6CLL | 253,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages as a Service Essentials Capacity Unit Pay per Use                                                                                         | D0GZVZX | 253,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages as a Service Standard Capacity Unit Pay per Use                                                                                           | D0H00ZX | 253,31 | Saas                      |

|      |    |                                                |      |      |                                                                                                                                                                        |         |        |                           |
|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Plus 1000 Document Pay per Use                                                                                                                    | D04XQZX | 253,31 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Databases Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                 | D0L4ZLL | 253,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Databases Processor Value Unit for zEnterprise BladeCenter Extension SW Subscription & Support Reinstatement 12 Months | D0NT0LL | 253,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Sterling Secure Proxy Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                             | D1FQGLL | 253,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Workload Automation 10 MONTHLY JOBS SW Subscription & Support Reinstatement 12 Months                                                                              | D0PP0LL | 253,21 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Digital Business Automation Express Processor Value Unit (PVU) Monthly License                                                                                     | D20QEEL | 252,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Service Registry and Repository Processor Value Unit (PVU) Monthly License                                                                               | D194MLL | 252,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages General User on Cloud Authorized User Subscription Per Month                                                                                             | D026QZX | 252,45 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Modeler Server Professional Processor Value Unit (PVU) Monthly License                                                                                        | D17T6LL | 251,97 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Private Cloud Contributor Authorized User Advanced Support per Annum                                                                                | E0E8FZX | 251,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Account Lifecycle Manager On-Premises for Users Authorized User Subscription License                                                     | D06T5ZX | 251,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas for US Federal Authorized User Advanced Support per Month                                                           | E0E6LZX | 251,21 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix ESQ/C Runtime Concurrent Session Annual SW Subscription & Support Renewal                                                                                 | E2DGTLL | 250,83 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Identity Insight Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                         | E0BL3LL | 250,83 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Document Processing Extension Resource Unit Extended Support Subscription Lic                                                                                      | X0HE1ZX | 250,82 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Host Adapters User Value Unit License + SW Subscription & Support 12 Months                                                             | D29GWLL | 250,17 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Standard Edition Resource Value Unit from LSF Express Edition Resource Value Unit Trade Up License + SW Subscription & Support 12 Months              | D0Q1PLL | 250,17 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Architect for Software Authorized User Monthly License                                                                         | D1BQQLL | 249,11 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Architect for Systems Engineers Authorized User Monthly License                                                                | D1BR4LL | 249,11 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Enterprise with Zones per User 3rd Party per Month                                                                                                                 | D1NZTLL | 248,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas Authorized User Advanced Support per Month                                                                          | E0E6PZX | 248,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Configure Price Quote Certified Container Authorized User Extended Support Subscription License                                                               | X28LKLL | 247,69 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Saas Resource Unit Advanced Support per Annum                                                                                                      | E0FQKZX | 247,68 | Saas                      |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Management Starter Package Instance Advanced Support per Month                                                                                      | E0DYQZX | 247,48 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Microsoft Office Employee User Value Unit License + SW Subscription & Support 12 Months                                        | D14INLL | 247,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Permanent Redaction Employee User Value Unit License + SW Subscription & Support 12 Months                                     | D1HHULL | 247,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Recovery Expert Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                                               | E022GLL | 247,31 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Virtual Environments 10 Processor Value Units (PVUs) License + SW Subscription & Support 12 Months                                          | D1IVQLL | 246,81 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Application Performance Management Advanced Average Managed Virtual Server Advanced Support per Month                                                     | E0E6AZX | 246,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Health, Safety and Environment Manager Add-on Saas Flex Authorized User Overage                                                                      | D1UJDLL | 246,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloud Databases for etcd Satellite Virtual Processor Core Pay per Use                                                                                               | D05XWZX | 245,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Satellite Virtual Processor Core Pay per Use                                                                                  | D05XTZX | 245,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MongoDB Virtual Cores Virtual Processor Core Pay Per Use                                                                                    | D2070LL | 245,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for PostgreSQL Satellite Virtual Processor Core Pay per Use                                                                                     | D05XXZX | 245,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for RabbitMQ Satellite Virtual Processor Core Pay per Use                                                                                       | D05XYZX | 245,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Redis Satellite Virtual Processor Core Pay per Use                                                                                          | D05XZZX | 245,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat Enterprise Linux on IBM Cloud Bare Metal 1-16 Cores Instance Pay per Use                                                                                    | D01R4ZX | 245,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Recovery Feature Authorized User Single Install Monthly License                                                                                    | D199DLL | 245,19 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Solution for Applic Retirement incl Archive File Access Resource Value Unit Monthly License                                                    | D077LZX | 245,19 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Scale Erasure Code Edition Terabyte Monthly License                                                                                                     | D2225LL | 245,19 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Account Hub - Standard Edition for Non-Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal    | E0CYQLL | 244,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub - Standard Edition for Non-Financial Services per Resource Value Unit Annual SW Subscription & Support Renewal | E0CYDLL | 244,68 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Data Masking Option Processor Value Unit (PVU) SW S&S REINSTATE 12 MO                                                     | D08FKLL | 244,68 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Communications Server for Data Center Deployment Processor Value Unit Monthly License                                                                           | D1971LL | 244,55 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                            | D0J2MLL | 244,07 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Enterprise Edition Virtual Server Subscription License                                                  | D08QFZX | 243,93 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Control Storage Capacity Unit (2001+) per Month                                                                                                   | D1N4VLL | 243,93 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Workgroup Server Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months      | D1CDNLL | 242,86 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Workgroup Server Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D1CEHLL | 242,86 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Workgroup Server Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                      | D1CC9LL | 242,86 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Fusion Storage Capacity Expansion Terabyte Monthly License                                                                                         | D09Q3ZX | 242,68 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Standard Edition-Base-Support per Trading Partner Overage-Active Entity ID Pay Per Use                                       | D00QYZX | 242,51 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Space Management 10 Processor Value Units (PVUs) Annual SW Subscription & Support Renewal                                              | E0LW3LL | 241,63 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Inventory Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                                      | D29MTLL | 241,63 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for PostgreSQL Virtual Processor Core Virtual Processor Core Pay per Use                                                         | D031MZX | 241,50 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS 5250 Applications on i Authorized User Annual SW Subscription & Support Renewal                                                              | E04JHLL | 240,41 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS 5250 Applications on i Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                   | E04JLL  | 240,41 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Rational HATS for 5250 Applications on Multiplatforms Authorized User Annual SW Subscription & Support Renewal                                             | E04JDLL | 240,41 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Compliance User Value Unit SW Subscription & Support Reinstatement 12 Months                                                    | D1B42LL | 240,41 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn AppConnect Professional Instance Advanced Support per Month                                                            | E0EB7ZX | 240,02 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service Extended Data Retention 5 Year Gigabyte Overage                                                                | D0PA9LL | 240,02 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service Extended Data Retention 5 Year Gigabyte per Month                                                              | D0P9JLL | 240,02 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Extended Data Retention 5 Year Gigabyte Overage                                                                    | D0PA5LL | 240,02 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Extended Data Retention 5 Year Gigabyte per Month                                                                  | D0P9LLL | 240,02 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Referenced Programs via FTP Logs Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months     | E0PSTLL | 239,35 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Privilege On-Premises 1000 FlexPoint                                                                                                       | D29T7LL | 239,06 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Performance Management Advanced Workspace Add-On Processor Value Unit (PVU) Monthly License                                                         | D1WJLLL | 238,32 | Saas                     |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Agile Planning and Tracking Advanced for IBM Cloud Authorized User Pay Per Use                                                                      | D1AD6LL | 238,11 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced High Availability Replica Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                      | D1H5GLL | 237,72 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Office Connect Enterprise Web Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                           | E023PLL | 237,72 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Assurance User Value Unit Annual SW Subscription & Support Renewal                                                     | E06WHLL | 237,22 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational HIS for Multiplatform for System z, Concurrent User Monthly License                                                                        | D1BUNLL | 237,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational HIS for Multiplatform, Concurrent Concurrent User Monthly License                                                                          | D1BUMLL | 237,03 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                                           | E0LNALL | 236,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Retail Store Server Starter Edition Client Device Annual SW Subscription & Support Renewal                                                          | E06XILL | 236,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Retail Store Server Starter Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                        | D096FLL | 236,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Retail Store Server Starter Edition with Informix Database Client Device Annual SW Subscription & Support Renewal                                   | E06XKLL | 236,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Retail Store Server Starter Edition with Informix Database Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                 | D096JLL | 236,66 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager Host Edition User Value Unit License + SW Subscription & Support 12 Months                                     | D06EULL | 236,66 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Instana Observability Business Monitoring Managed Virtual Server per Month                                                                          | D0FQMZX | 236,29 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Control Desk Service Provider Edition Concurrent User Extended Support Subscription License                                                         | X07FYZX | 235,77 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for TM1 for Non-Production Environment Install Extended Support Subscription Lic                               | X0HU2ZX | 235,77 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Bot Runner for Non-ProduSUBion Environment Virtual Server Advanced Support Subscription License | Z267HLL | 235,15 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM watsonx.data Virtual Processor Core Advanced Support Subscription License                                                                           | Z0F3HZX | 235,15 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Enterprise Edition User Value Unit License + SW Subscription & Support 12 Months                                          | D1K13LL | 233,73 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Application Suite as a Service for Other Public Clouds AppPoint Overage                                                                      | D0A52ZX | 233,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - SOAR Breach Response Add-on Authorized User Advanced Support 12 Months                                                      | E0F25ZX | 233,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise Hybrid Cloud Hundred Thousand API Calls Pay per use                                                                          | D1SRBLL | 233,05 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM UrbanCode Build Committer per Floating User Single Install Monthly License                                                                    | D1YCRL  | 232,59 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere QualityStage Workgroup Edition for Non Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E0BSFL  | 231,88 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Saas for US Federal Authorized User Advanced Support per Month                                                | E0EFCZX | 231,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Central Management Aggregation Pack for Data Warehouses Resource Value Unit Monthly License                                 | D1FNQL  | 231,15 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (101-250) Extended Support Subscription License                                                                | X0CZ1ZX | 230,76 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Calibration Add-on Saas Flex Concurrent User Subscription per Month                                                                | D1UJALL | 230,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Life Sciences Add-on Saas Flex Authorized User Overage                                                                             | D1UJYLL | 230,70 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Spatial Asset Management Add-on Saas Flex Concurrent User Subscription per Month                                                   | D1UJMLL | 230,70 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM API Connect Enterprise Non Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                           | E0MPTLL | 230,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix WRKGRP Edition CPU Option Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                        | E08SQL  | 230,26 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Streams Developer Edition Authorized User                                                                                                         | X07ALZX | 230,14 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Content Management System Monitor Employee User Value Unit Annual SW Subscription & Support Renewal                                | E054HLL | 229,75 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Add-on to IBM Sterling B2B Integrator Enterprise Edition Processor Value Unit (PVU) Monthly License                     | D183ILL | 229,72 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex Express Use Authorized User Subscription per Month                                                                       | D1V1ALL | 229,45 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Partner Engagement Manager Standard Container Edition Resource Value Unit Monthly License                                            | D084YZX | 229,21 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Add On Starter Pack Authorized User Value Unit Annual SW Subscription & Support Renewal                                    | E0BHNLL | 229,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Add-On Employee User Value Unit SW Subscription & Support Renewal                                                          | E052RLL | 229,19 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Application Dependency Discovery Manager for zOS Data Resource Value Unit License + SW Subscription & Support 12 Months                | D61S9LL | 228,69 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Application Dependency Discovery Manager Resource Value Unit License + SW Subscription & Support 12 Months                             | D575NLL | 228,69 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM B2B Gateway Pack for Non Production Environments per Processor Value Unit Subscription License                                                | D28L3LL | 228,25 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere QualityStage Processor Value Unit (PVU) Monthly License                                                                            | D1D08LL | 228,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Raw Terabyte Storage Resource Value Unit Annual SW Subscription & Support Renewal 12 Months       | E0PL5LL | 226,99 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog Workgroup Edition for Non-Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                     | E0K01LL | 226,99 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Governance Catalog Processor Value Unit (PVU) Monthly License                                                                                                   | D19IWLL | 226,37 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2B Integrator Basic and Standard for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months      | D1FPBLL | 225,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition per Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                        | D0CJFLL | 225,77 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database per Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                 | D0CJBLL | 225,77 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Content Manager OnDemand Authorized User Value Unit SUBSCRIPTION LICENSE                                                                                                               | D29UELL | 225,74 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services Int Plus Client Svcs Process Support Entity ID Advanced Support per Month                                                                                            | E0E12ZX | 225,72 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Sol St Ed for JD Edwards Ent Ed Arc File Access 10 Processor Value Units (PVUs) SW S&S REINSTATE 12 MO                                                    | D076QZX | 225,19 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo for Life Sciences Add on Authorized User Monthly License                                                                                                                        | D18RQLL | 225,12 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Linear Asset Manager Authorized User Monthly License                                                                                                                            | D1ECSLL | 225,12 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Motio ReportCard Processor Value Unit (PVU) Monthly License                                                                                                                                | D08Y5ZX | 225,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | TIBCO Enterprise Message Service Module for IBM DataPower Gateway Virtual Edition for Non Production Environments Processor Value Unit License + Software Subscription & Support 12 Months | D1AZKLL | 224,95 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | TIBCO Enterprise Message Service Module for IBM DataPower Gateway Virtual Edition Processor Value Unit License + Software Subscription & Support 12 Months                                 | D1B0WLL | 224,95 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service Extended Data Retention-7 Year Gigabyte Overage                                                                                            | D0PA6LL | 224,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service Extended Data Retention-7 Year Gigabyte per Month                                                                                          | D0MG0LL | 224,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Extended Data Retention 7 Year Gigabyte Overage                                                                                                | D0PA3LL | 224,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Extended Data Retention 7 Year Gigabyte per Month                                                                                              | D0P9FLL | 224,48 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Liberty Core with Custom Pattern Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                 | D1DXWLL | 224,43 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Option Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                               | E022WLL | 223,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL Compiler Runtime Option zSeries (S/390) Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                               | E022XLL | 223,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Option Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                    | E022YLL | 223,33 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Informix 4GL RDS Runtime Option zSeries (S/390) Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                 | E02Z2LL | 223,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix C-ISAM Concurrent Session Annual SW Subscription & Support Renewal                                                                                         | E2DH9LL | 223,33 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution for Oracle Applications Data Privacy Option Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D0Z3DLL | 222,76 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Non-Production for Red Hat OpenShift Virtual Processor Core Subscription License                                                    | D28KVLL | 222,54 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Add-On Employee User Value Unit Annual SW Subscription & Support Renewal                                                              | E0KECLL | 222,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Add-On Starter Pack Authorized User Value Unit Annual SW Subscription & Support Renewal                                               | E0KG7LL | 222,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix ESQL/C Development Registered User Monthly License                                                                                                         | D19RELL | 221,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix ESQL/COBOL Concurrent Session Monthly License                                                                                                              | D19RCLL | 221,83 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub Advanced Edition Lmted Use Resource Value Unit Annual SW Subscription & Support Renewal                          | E0JZ1LL | 221,54 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum MPI Resource Value Unit License + SW Subscription & Support 12 Months                                                                                      | D0Q15LL | 221,54 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas for US Federal Authorized User Advanced Support per Month                                                                | E0E6JZX | 221,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Advanced Statistics Concurrent User Extended Support Subscription                                                                                              | X29VNLL | 221,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Bootstrapping Concurrent User Extended Support Subscription License                                                                                            | X0EP8ZX | 221,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Complex Samples Concurrent User Extended Support Subscription License                                                                                          | X0DPWZX | 221,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Conjoint Concurrent User Extended Support Subscription License                                                                                                 | X0DPXZX | 221,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Data Preparation Concurrent User Extended Support Subscription License                                                                                         | X0EPGZX | 221,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Decision Trees Concurrent User Extended Support Subscription License                                                                                           | X0ELZZX | 221,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Direct Marketing Concurrent User Extended Support Subscription License                                                                                         | X0ELIZX | 221,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Exact Tests Concurrent User Extended Support Subscription License                                                                                              | X0EQEZX | 221,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Neural Networks Concurrent User Extended Support Subscription License                                                                                          | X0ELPZX | 221,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Fusion Advanced Virtual Processor Core Subscription License                                                                                                 | D0ERAZX | 221,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli SmartCloud Application Performance Management Entry Managed Virtual Server Monthly License                                                                   | D18YCLL | 221,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Saas Concurrent User Advanced Support per Month                                                                         | E0EFAZX | 220,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor Client Device Monthly License                                                                                                       | D181NLL | 220,39 | Saas                      |



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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud App Management Extension Pack Managed Container SW Subscription & Support Reinstatement 12 Months                             | D22YKLL | 220,16 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow Enterprise for Non-Production Environment Processor Value Unit (PVU) Monthly License                   | D200QLL | 219,47 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Gate on Cloud Non-Production Virtual Processor Core Advanced Support Subscription Lic                                          | Z0H1YZX | 219,47 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Provider Management Professional Authorized User Annual SW Subscription & Support Renewal                                     | E0E6TLL | 218,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Role Optimization User Value Unit License + SW Subscription & Support 12 Months                          | D1K0MLL | 218,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Supply Chain EDI Processor Value Unit (PVU) Annual SW Subscription & Support Renewal               | E0MDALL | 218,45 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud App ID Graduated tier pricing 10000 Events Pay Per Use                                                                        | D1S57LL | 218,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MySQL Virtual Cores per Month Virtual Processor Core Pay Per Use                                                | D234RLL | 218,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Notifications Email Million Outbound Digital Message Pay per Use                                                        | D083YZX | 218,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Store Edition Medium Certified Container Resource Value Unit Advanced Support Subscription License   | Z28LULL | 218,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Enterprise per User 3rd Party per Month                                                                                             | D11MULL | 217,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas Authorized User Advanced Support per Month                                               | E0E6CZX | 217,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flows Additional Log Archival 10K Flows Per Minute per Month                                                        | D0A8ZZX | 217,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify SMS and Voice One-time Password 1000 Event Overage                                                                  | D02T7ZX | 217,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Data Retention Terabyte (65-100) Monthly License                                                                | D11QCLL | 217,52 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Non-Production Authorized User SW Subscription & Support Reinstatement 12 Months                | D26WCLL | 216,96 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Central Management and Aggregation Pack for Big Data Resource Value Unit Monthly License                          | D1FRZLL | 216,79 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Manager On-Premises for Client per Managed Client Device License + SW Subscription & Support 12 Months    | D2205LL | 216,79 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Application Center Concurrent User Monthly License                                                                     | D191NLL | 216,79 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Change Data Delivery for Non-Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E07UFLl | 216,40 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 3 Special Edition 100 Resource Unit Extended Support Subscription License                                | X080IZX | 216,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite Software Reserved 100 Resource Unit Extended Support Subscription Lic                                         | X0AMHZX | 216,34 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                     | E09NRLL | 216,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Enterprise Edition User Value Unit Annual SW S&S Rnwl                                         | E0DIULL | 215,90 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | Motio CI Version Control Processor Value Unit Annual SW Subscription & Support Renewal 12 Months                   | EORBHLL | 215,90 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Front End Terabyte (751-1250) Extended Support Subscription License                    | X2A2VLL | 215,71 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Extended Support Subscription License              | X0A2JZX | 215,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Reserved Extended Support Subscription License     | X0A2UZX | 215,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite Software 100 Resource Unit Extended Support Subscription License                         | X0AE7ZX | 215,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Partner Engagement Manager Standard Edition per Entity ID Monthly License                             | D28ZVLL | 214,98 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Partner Engagement Manager Standard Edition Resource Value Unit Monthly License                       | D29PULL | 214,98 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months       | D0EK6LL | 214,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Categories Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                | D0EKTLL | 214,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Complex Samples Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months           | D0EKPLL | 214,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Conjoint Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                  | D0EKKLL | 214,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Custom Tables Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months             | D0EKGLL | 214,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Decision Trees Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months            | D0EMALL | 214,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months          | D0ENNLL | 214,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Exact Tests Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months               | D0EQDLL | 214,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Forecasting Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months               | D0EQLLL | 214,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Missing Values Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months            | D0EQ9LL | 214,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Neural Networks Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months           | D0EQ5LL | 214,79 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Regression Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                | D0EQHLL | 214,79 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Business Premium Support 10 Client Devices Advanced Support 12 Months | E0DYGZX | 213,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Retail Premium Support 100 Client Devices Advanced Support 12 Months  | E0DX5ZX | 213,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center Data Server Processor Value Unit (PVU) Monthly License                            | D180GLL | 213,20 | Saas                      |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Processor Value Unit (PVU) from Qualified Competitor Trade Up License + SW Subscription & Support 12 Months | D55WDLL | 212,99 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Campus Premium Server for Non-Prod Environment Processor Value Unit (PVU) Advanced Support Subscription Lic     | Z0F72ZX | 212,58 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Secure File Transfer-Premium Edition for Non-Production Environment Processor Value Unit Subscription License                            | D28L7LL | 212,49 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition per User Value Unit SW Subscription & Support Reinstatement 12 Months                             | D1GV7LL | 212,38 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for SAP Applications per Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months      | E0N11LL | 212,35 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 2 Reserved 100 Managed Virtual Servers Extended Support Subscription License                                  | X09IRZX | 211,95 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Server Suite On-Premises Standard Edition Virtual Server Monthly License                                       | D08R0ZX | 211,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server - Express Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                          | D582CLL | 211,78 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Liberty Core Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                       | D0ZDZLL | 211,78 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise 25M for IBM Cloud Hundred Thousand API Calls Pay Per Use                                                          | D1PEMLL | 211,77 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Visual Recognition Face Detection for IBM Cloud 10000 Events Pay per Use                                                          | D1N6NLL | 211,77 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for Managed Service Provider Add-on Saas Flex Authorized User Subscription per Month                                          | D1UJ4LL | 211,42 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Nuclear Add-on Saas Flex Authorized User Subscription per Month                                                               | D1UK1LL | 211,42 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Oil and Gas Add-on Saas Flex Authorized User Subscription per Month                                                           | D1UK5LL | 211,42 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Transportation Add-on Saas Flex Authorized User Subscription per Month                                                        | D1UJPLL | 211,42 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Utilities Add-on Saas Flex Authorized User Subscription per Month                                                             | D1UK9LL | 211,42 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Non-Production Authorized User SW S&S REINSTATE 12 MO                     | D08SBZX | 211,07 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Advanced Enterprise Edition CPU Option Processor Value Unit (PVU) Monthly License                                               | D19NQLL | 211,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Non-Production Processor Value Unit (PVU) Monthly License                                                               | D17KYLL | 210,07 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Campus Edition Academic Concurrent User Advanced Support Subscription Lic                                       | Z0FCCZX | 210,07 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Manager Open Edition Virtual Processor Core Advanced Support Subscription License                                               | Z0BESZX | 209,44 | Saas                      |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Sterling Secure Proxy for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D1FQHLL | 208,94 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud Authorized User Advanced Support per Month                                                                                                           | E0E1PZX | 208,93 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Symphony Standard Edition Resource Value Unit Subscription License                                                                                       | D28G1LL | 208,82 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management PA Managed Virtual Server SW S&S Reinstale 12 Mo                                                                 | D141WLL | 208,43 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli System Automation Application Manager Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                             | D03K3LL | 208,43 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Base Virtualization Software Storage Capacity Unit (1251-2000) Monthly License                                                                                    | D1NE1LL | 208,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Reserved 100 Managed Virtual Servers Extended Support Subscription License                                                                 | X09IPZX | 208,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Spatial Asset Management Concurrent User Monthly License                                                                                                   | D1R85LL | 208,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (1251-2000) Monthly License                                                                                             | D1PVWLL | 208,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (1251-2000) Monthly License                                                                                  | D1PVPLL | 208,18 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Foundation Content Collector Edition Employee User Value Unit Annual SW Subscription & Support Renewal                                         | E0KH0LL | 206,81 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Enterprise Edition Processor Value Unit (PVU) Monthly License                                         | D182ULL | 206,74 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for Big Data per Resource Value Unit (MVS) Advanced Support Subscription License                                                | Z29AALL | 206,31 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for NAS per Authorized User SW Subscription & Support Reinstatement 12 Months                                                   | D1X5WLL | 206,24 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Premium Edition Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months                              | D0IYILL | 206,24 | Temporária com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (251-500) Extended Support Subscription License                                                                                    | X0CZ2ZX | 205,68 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM ILOG CPLEX Optimizer for Non-Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                       | E0EMWLL | 205,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution for Oracle Applications Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                        | E0H9YLL | 205,66 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Optim pureQuery Runtime for Linux, UNIX, and Windows Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                     | D61YKLL | 205,66 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Collector for SAP Applications Authorized User Value Unit Monthly License                                                                                 | D1FX4LL | 205,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Health, Safety and Environment Manager Add-on Saas Flex Authorized User Subscription per Month                                                         | D1UJCLL | 205,20 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Privacy for Hadoop Install per Install Annual SW Subscription & Support Renewal                                                                   | E0J07LL | 204,45 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Monitor for Non-Production Environment Processor Value Unit (PVU) Monthly License                                                                | D194FLL | 204,42 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Performance Management User Workspace Add-On Authorized User Monthly License                                                                       | D1RAQLL | 204,42 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution Open Data Manager Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                          | D08BKLL | 204,17 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Server Premium Processor Value Unit (PVU) Monthly License                                                                                 | D17TVLL | 203,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Scale Data Management Edition per Terabyte Monthly License                                                                                        | D1VMOLL | 203,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud Authorized User Advanced Support per Month                                                                                                   | EOE1NZX | 202,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Additional Author Authorized User Advanced Support per Month                                                            | EOE5BZX | 202,71 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months           | DOJ2NLL | 202,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling File Gateway Add-on B2B Integrator Standard Edition for Non-Prod Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | EOBWDLL | 202,58 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Standard Processor Value Unit (PVU) Monthly License                                                                                           | D1D4YLL | 202,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Hybrid Cloud DNS GSLB Advanced Interaction Overage                                                                                                        | D0GYZZX | 201,47 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect RUM Traffic Steering Advanced Interaction Overage                                                                                             | D0GYSZX | 201,47 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Collaboration and Deployment Services Processor Value Unit (PVU) Monthly License                                                                     | D17Q1LL | 200,66 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | Sterling Order Mgmt Software Call Center Add-on Certified Container User Value Unit SL UPGRADE                                                                | D0CAUZX | 200,66 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Network Manager Managed Device SW Subscription and Support Renewal 12 Months                                                                              | EOR56LL | 200,41 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Message Broker Retail Store Edition Idle Standby Store Monthly License                                                                          | D1959LL | 200,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Advanced Currency Value Unit Monthly License                                                                                | D1956LL | 200,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database Currency Value Unit Monthly License                                                 | D1952LL | 200,04 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Communications Server for Data Center Deployment Concurrent User Annual SW Subscription & Support Renewal                                                 | EOELCLL | 199,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Conductor Prepaid Usage 1000 Virtual Processor Core-Ins-Hrs Initial Fix Term LIC+S&S 12 MO                                                       | D21C8LL | 199,91 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling B2B Integrator Basic Edition for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                  | EOJOELL | 199,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition from Standard Edition Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months           | DOJ44LL | 199,91 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation with WDG Automation Attended Bot Agent per Concurrent Connection Extended Support Subscription License                         | X299WLL | 199,41 | Saas                      |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM TRIRIGA Application Suite per AppPoint Subscription License Upgrade                                                                                                 | D07ZEZX | 199,41 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Standard Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                      | E0M57LL | 211,07 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Enterprise Edition User Value Unit from Security Verify Directory Standard Edition Trade Up License + SW Subscription & Support 12 Months | D0D0WZX | 198,84 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Method Composer Content Reader Authorized User Monthly License                                                                   | D1BL4LL | 198,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Modeler Server Gold for Non-Production Environment Processor Value Unit (PVU) Monthly License                                                                  | D17YALL | 198,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AIX Standard Edition Per Virtual Processor Core Monthly License                                                                                                     | D1S5GLL | 198,13 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Advanced Additional Egress Terabyte per Annum                                                                                                       | D06B5ZX | 197,76 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Advanced Additional Storage Terabyte per Annum                                                                                                      | D06B4ZX | 197,76 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Enterprise Additional Egress Terabyte per Annum                                                                                                     | D06B7ZX | 197,76 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Enterprise Additional Storage Terabyte per Annum                                                                                                    | D06B6ZX | 197,76 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Standard Additional Egress Terabyte per Annum                                                                                                       | D06B9ZX | 197,76 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Standard Additional Storage Terabyte per Annum                                                                                                      | D06B8ZX | 197,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify SMS and Voice One-time Password 1000 Event per Month                                                                                                | D02T6ZX | 197,74 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Agile Service Manager Managed Virtual Network Device Annual SW Subscription & Support Renewal 12 Months                                  | E0NP6LL | 197,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Protect for Workstations - Starter Edition Client Device SW Subscription & Support Reinstatement 12 Months                                                 | D11VILL | 197,71 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Limited Authorized User MONTHLY LICENSE                                                                                                                   | D25UELL | 197,42 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Snapshot per Terabyte 33-64 Monthly Licence                                                                                                         | D11LULL | 197,42 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Federation Module per User Value Unit License + SW Subscription & Support 12 Months                                          | D1GTCLL | 196,75 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Microsoft Office Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                      | D1G7RLL | 195,90 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Permanent Redaction Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                   | D1HIJLL | 195,90 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR MSSP on Cloud Add-On (AU) Authorized User Advanced Support 12 Months                                                                                  | E0E9KZX | 195,64 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Performance Management Offering for Db2 Enterprise Server Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                           | E0KSPLL | 195,26 | Manutenção após Vigência  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Map Change Map per Annum                                                                                                    | D0MRILL | 195,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for SAP HANA per Resource Value Unit Advanced Support Subscription License                                                        | Z29AKLL | 195,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Analyzer Processor Value Unit (PVU) Monthly License                                                                                          | D1D0ALL | 194,55 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Manager On-Premises Non-Production for Server per Managed Virtual Server SW Subscription & Support Reinstate 12 Months                           | D05YSZX | 194,55 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Fusion Storage Capacity Expansion Terabyte Subscription License                                                                                                    | D09Q5ZX | 194,39 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Enterprise Server Edition Processor Value Unit (PVU) Monthly License                                                                                                   | D19QDLL | 193,83 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment Simultaneous Session Monthly License                                                                        | D1821LL | 193,83 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Software Store Add-on for Red Hat OpenShift Resource Value Unit Monthly License                                                                  | D26RJLL | 193,83 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Monitoring for Virtual Environments Agent for Citrix XenApp Monitoring for Virtual Environments Agent for Citrix XenApp Resource Value Unit Monthly License         | D18POLL | 193,83 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Monitoring for Virtual Environments Agent for Citrix XenDesktop Monitoring for Virtual Environments Agent for Citrix XenDesktop Resource Value Unit Monthly License | D18NZLL | 193,83 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Monitoring for Virtual Environments for Citrix XenServer Monitoring for Virtual Environments for Citrix XenServer Resource Value Unit Monthly License               | D18NXLL | 193,83 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Monitoring for Virtual Environments Monitoring for Virtual Environments Resource Value Unit Monthly License                                                         | D18NWLL | 193,83 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Front End Terabyte (501-750) Advanced Support Subscription License                                                                                 | Z2A2ULL | 193,77 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Analyzer Workgroup Edition for Non Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                      | E0BS9LL | 193,47 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli System Automation for Multiplatforms XDR for Linux Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                              | E04KNLL | 193,47 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Premium Ed TP Community Support Active Entity ID Advanced Support per Month                                                            | E0EBJZX | 193,39 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (1-100) Advanced Support Subscription License                                                                                               | Z0CZ0ZX | 193,13 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | B2B Module for IBM DataPower Gateway Virtual Edition Processor Value Unit Annual Software Subscription & Support Renewal                                                       | E0KHNLL | 192,89 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Databases 10 Processor Value Units (PVUs) Annual SW Subscription & Support Renewal                                                                     | E0LWBLL | 192,44 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Mail 10 Processor Value Units (PVUs) Annual SW Subscription & Support Renewal                                                                          | E0LVVLL | 192,44 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for SAN 10 Processor Value Units (PVUs) Annual SW Subscription & Support Renewal                                                                           | E0LVZLL | 192,44 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Life Sciences Add-on Saas Flex Authorized User Subscription per Month                                                                                           | D1UJXLL | 192,15 | Saas                     |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service Extended Data Retention-10 Year Gigabyte Overage                                          | D0PA8LL | 192,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service Extended Data Retention-10 Year Gigabyte per Month                                        | D0MFWLL | 192,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service Partner Support Entity ID Overage                                                         | D0MNRLL | 192,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Extended Data Retention 10 Year Gigabyte Overage                                              | D0PA4LL | 192,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Extended Data Retention 10 Year Gigabyte per Month                                            | D0P9HLL | 192,15 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Big Replicate for Object Stores Terabyte Subscription License                                                                         | D2924LL | 191,88 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center CPLEX Engine Processor Value Unit (PVU) Monthly License                                                  | D180FLL | 191,88 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Monitoring and Support for Java Desktop Authorized User SW Subscription & Support Reinstatement                                       | D223MLL | 191,88 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ for Non-Production Environment Processor Value Unit (PVU) SW S&S Reinstale 12 Mo                                                   | D0ETKZX | 191,88 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Continuous Delivery Professional Authorized User per month                                                                      | D1Q59LL | 191,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Advanced Access Control Feature Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                               | E02T7LL | 190,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Geodetic DataBlade Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                       | E023LLL | 190,82 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender on DataPower (Virtual) Non-Production Processor Value Unit SW Subscription & Support Renewal         | E0BPBZX | 190,82 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Automotive Compliance Per Authorized User Monthly License                                            | D26G2LL | 190,63 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Scale Erasure Code Edition Terabyte Subscription License                                                                      | D2921LL | 190,63 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Advanced Processor Value Unit (PVU) Monthly License                                                           | D1L3WLL | 190,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor for Transformation Extender Advanced Processor Value Unit Annual SW Subscription & Support Renewal 12 Months   | E0NXMLL | 189,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Application Adapters User Value Unit License + SW Subscription & Support 12 Months                         | D29GMML | 189,75 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow Express Processor Value Unit (PVU) Monthly License                                                       | D200SLL | 188,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module per Processor Value Unit MONTHLY LICENSE                        | D1GTQLL | 188,22 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Document Processing Extension Resource Unit Advanced Support Subscription Lic                                                         | Z0HE1ZX | 188,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Attended Bot Authorized User Single Install Extended Support Subscription License | X267MLL | 188,12 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Eng Requirements Management DOORS Next Saas for US Federal Authorized User Advanced Support per Month                                 | E0EFGZX | 187,17 | Saas                      |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Saas for US Federal Authorized User Advanced Support per Month                                                                 | E0EFKZX | 187,17 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Systems Design Rhapsody Model Manager Saas for US Federal Authorized User Advanced Support per Month                                                                       | E0EFMZ  | 187,17 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Saas for US Federal for US Federal Authorized User Advanced Support per Month                                                                              | E0EFEZX | 187,17 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager Enterprise Edition Employee User Value Unit Monthly License                                                                                                            | D1FY7LL | 186,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Content Manager Employee User Value Unit Monthly License                                                                                                                       | D1G0ULL | 186,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Financial Enterprise Edition for Non-Production Environment Processor Value Unit (PVU) Monthly License                                                           | D183TLL | 186,65 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Inventory Authorized User SW Subscription & Support Reinstatement 12 Months                                                                                                       | D29MRLL | 186,55 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Business Plus with Zones per User 3rd Party per Month                                                                                                                                  | D1NZSLL | 186,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Controller User on Cloud Authorized User Advanced Support per Month                                                                                                             | E0FT4ZX | 186,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Field Services User per Authorized User Overage                                                                               | D20EDLL | 186,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud for US Federal (TRIRIGA) Field Services User per Authorized User Overage                                                                | D20EHLL | 186,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Application Suite as a Service for Other Public Clouds AppPoint Subscription per Month                                                                                          | D0A51ZX | 186,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation as a Service Studio Virtual Server Advanced Support per Month                                                                                               | E0E6XZX | 186,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Configure Price Quote Certified Container Authorized User Advanced Support Subscription License                                                                                   | Z28LKLL | 186,24 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management PA 10 Managed Client Devices Annual SW S&S RnwI                                                                                       | E0JSBLL | 186,05 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Premium Edition for Non-Production Environment from Standard Non-Production Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J4HLL | 186,05 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server for Data Quality and Governance for Non-Production Environments Processor Value Unit (PVU) Monthly License                                               | D19ITLL | 185,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server for Data Quality and Governance for Non-Production Environments Processor Value Unit (PVU) Monthly License                                               | D19IULL | 185,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Directory Enterprise Edition Processor Value Unit (PVU) Monthly License                                                                                                | D1K0FLL | 185,93 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Appeals and Legal Actions Professional per Authorized User Annual SW Subscription & Support Renewal                                                                              | E0N7JLL | 185,49 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Natural Language Classifier for IBM Cloud 10000 API Calls Pay Per Use                                                                                                           | D1HYTLL | 185,42 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Calibration Authorized User Monthly License                                                                                                                                     | D18RYLL | 185,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management Patient Hub - Advanced Edition Resource Value Unit Monthly License                                                                                   | D19EBLL | 184,50 | Saas                     |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Email Authorized User Value Unit Annual SW Subscription & Support Renewal                                                | E05P3LL | 184,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Microsoft SharePoint Authorized User Value Unit Annual SW Subscription & Support Renewal                                 | E07QPLL | 184,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Application Retirement Solution Data Find Resource Value Unit Annual SW Subscription & Support Renewal                        | E0BKALL | 184,28 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Approvals and Reporting user Authorized User Overage                                  | D1UMGLL | 184,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud for US Federal Approvals and Reporting User Authorized User Overage                   | D1UMWLL | 184,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Approvals and Reporting User Authorized User Overage                                  | D1C3SLL | 184,06 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Intake and Assessment Professional per Authorized User Annual SW Subscription & Support Renewal                                          | E0N76LL | 183,35 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Container Edition Resource Value Unit Subscription License                                        | D084ZZX | 182,95 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Change Data Delivery for PureData System for Analytics Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D1A6GLL | 182,85 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Workload Scheduler Processor Value Unit (PVU) SW Maintenance Reinstatement 12 Months                                                           | D56MVLL | 182,29 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Eng Requirements Management DOORS Next Saas Authorized User Advanced Support per Month                                                         | E0EF8ZX | 182,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization - Publishing Document Builder Saas Authorized User Advanced Support per Month                               | E0E8BZX | 182,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Optimization Engineering Insights Saas Authorized User Advanced Support per Month                                        | E0EFPZX | 182,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Test Management Saas Authorized User Advanced Support per Month                                                                    | E0EF6ZX | 182,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Saas Authorized User Advanced Support per Month                                                                | E0EF4ZX | 182,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rhapsody Design Manager on Cloud Authorized User Advanced Support per Month                                                                    | E0EFRZX | 182,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | GitHub Enterprise on IBM Cloud per Authorized User Overage                                                                                         | D1NQ6LL | 181,49 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager Application Edition User Value Unit License + SW Subscription & Support 12 Months                         | D06ESLL | 180,62 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Workload Scheduler for Applications Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                   | D1G81LL | 180,62 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager Enterprise Edition Starter Pack Authorized User Value Unit Monthly License                                                     | D1FY8LL | 180,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Enterprise Edition Add-On Employee User Value Unit Monthly License                                                                     | D1G01LL | 180,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Content Manager Starter Pack Authorized User Value Unit Monthly License                                                                | D1GOVLL | 180,59 | Saas                      |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management Provider Hub - Standard Edition Resource Value Unit Monthly License                                          | D19EALL | 180,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Account Hub - Advanced Edition for Financial Services Resource Value Unit Monthly License                                       | D19D5LL | 180,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Individual Hub - Advanced Ed for Fin Svcs Resource Value Unit Monthly License                                                   | D1D1NLL | 180,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management Store Add-on Resource Value Unit Monthly License                                                                     | D184LLL | 180,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Motio ReportCard Authorized User Monthly License                                                                                                   | D08Y0ZX | 180,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Field Services User per Authorized User Subscription per Month                        | D20ECLL | 180,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud for US Federal (TRIRIGA) Field Services User per Authorized User Subscription per Month         | D20EGLL | 180,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for MQ Managed File Transfer Service Processor Value Unit (PVU) License + SW Subscription & Support 12 Months  | D1HIULL | 180,04 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | Motio ReportCard Processor Value Unit (PVU) SUBSCRIPTION LICENSE                                                                                   | D08Y6ZX | 179,97 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Integration Bus Express Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                            | E0CR5LL | 179,65 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Observability by Instana Infrastructure Quality Monitoring Managed Virtual Server Subscription License                                         | D29RRLL | 179,34 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Email Resource Value Unit Annual SW Subscription & Support Renewal                                                       | E0J1VLL | 178,59 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud App Management Extension Pack Managed Virtual Server Monthly License                                                                     | D22YILL | 178,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Processor Value Unit (PVU) Monthly License                                                                             | D19SGLL | 178,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL Compiler Runtime Concurrent Session Monthly License                                                                               | D19R7LL | 178,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL Compiler Runtime zSeries S390 Concurrent Session Monthly License                                                                  | D19PYLL | 178,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL Interactive Debugger Development Authorized User Monthly License                                                                  | D19R9LL | 178,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL RDS Runtime Concurrent Session Monthly License                                                                                    | D19RALL | 178,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL RDS Runtime zSeries S390 Concurrent Session Monthly License                                                                       | D19PVLL | 178,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Notifications Push Destination Application instance Pay per Use                                                                    | D09GAZX | 177,32 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow HSA Feed Annual SW S&S Rnwl                                                                       | E0BJ2ZX | 176,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow HSA Feed Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months | D0BJ1ZX | 176,96 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow LAB Feed Annual SW S&S Rnwl                                                                       | E0BJ7ZX | 176,96 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow LAB Feed Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months | D0BJ6ZX | 176,96 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM Planning Analytics Express Connector for TM1 for Non-Production Environment Install Advanced Support Subscription Lic                          | Z0HU2ZX | 176,83 | Assinatura                |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Contributor for US Federal Authorized User Advanced Support per Annum                                                           | E0DZHZX | 176,04 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Financial Enterprise Edition for Non-Production Environment Processor Value Unit (PVU) Monthly License                 | D182ILL | 175,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server for Data Integration for Non-Production Environments Processor Value Unit (PVU) Monthly License                  | D19IQLL | 175,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Asset Manager Enterprise Edition Collaborator Authorized User Single Install Monthly License                                          | D1BJYLL | 175,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Log Archival 100 Events Per Second per Month                                                                                   | D0B9XZX | 174,11 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Log Archival for IBM Cloud Pak for Security Saas 100 Events Per Second per Month                                               | D05SUZX | 174,11 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Financial Standard Edition Processor Value Unit (PVU) Monthly License                                                  | D182SLL | 174,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-eInvoicing Post-Audit 350 Documents dvanced Support per Month                                              | E0EBIZX | 173,49 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum LSF Application Center Concurrent User Subscription License                                                                           | D28FCLL | 173,37 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Front End Terabyte (1251-2000) Extended Support Subscription License                                                   | X2A2WLL | 173,07 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (101-250) Advanced Support Subscription License                                                                 | Z0CZ1ZX | 173,07 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Application Performance Management on Cloud Average Managed Virtual Server Advanced Support per Month                                          | E0E5HZX | 172,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Premium Edition-Base-Tier 1 Support Active Entity ID Advanced Support per Month                                  | E0E7QZX | 172,86 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Server Standard for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal             | E09RDLL | 172,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Integration Module for IBM DataPower Gateway Virtual Edition Processor Value Unit Annual Software Subscription & Support Renewal                   | E0KHALL | 172,62 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Account Lifecycle Manager for Users Non-Prod Authorized User Advanced Support 12 Months                              | E0E94ZX | 172,44 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for SharePoint per Authorized User License + SW Subscription & Support 12 Months                             | D1X61LL | 172,06 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentrant Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                          | E0BWKLL | 172,06 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition per Entity ID Subscription License                                                        | D28ZXLL | 171,56 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition Resource Value Unit Subscription License                                                  | D29PYLL | 171,56 | Assinatura                |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Enterprise Edition CPU Option Processor Value Unit (PVU) Monthly License                                                                                                                    | D19NJLL | 171,19 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                           | D26VWLL | 170,56 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Version Control Authorized User Annual SW Subscription & Support Renewal 12 Months                                                                                                              | E0RBGLL | 170,56 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Secure Proxy for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                             | E0BW0LL | 170,06 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Workgroup Edition User Option Authorized User Single Install Monthly License                                                                                                                | D19NPLL | 169,94 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM TRIRIGA Workplace Reservation Manager for Small Installations Authorized User Annual SW Subscription & Support Renewal                                                                               | E0JP9LL | 169,50 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational HIS for 5250 Applications, Concurrent Concurrent User Monthly                                                                                                                               | D1BUPLL | 169,31 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Standard Edition Virtual Server Subscription License                                                                                              | D08R1ZX | 169,31 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2B Integrator and Sterling File Gateway Enterprise for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0LF5LL | 169,00 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Hypervisor Edition Intelligent Management Pack Processor Value Unit Annual SW Subscription & Support Renewal                                                            | E08R6LL | 169,00 | Manutenção após Vigência |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Manager for Client Manager Non Production Client Device per Annum                                                                                                          | D05SBZX | 168,72 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Platinum Virtual Cores Virtual Processor Core Pay per Use                                                                                                          | D0F1UZX | 168,71 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Custom Domain Hub - Standard Edition for Financial Services Resource Value Unit Monthly License                                                                                       | D19CTLL | 168,69 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Organization Hub - Standard Edition for Financial Services Resource Value Unit Monthly License                                                                                        | D19CVLL | 168,69 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Server Premium Processor Value Unit Subscription License                                                                                                                             | D0EHFZX | 168,69 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Telemetry Install Annual SW Subscription & Support Renewal 12 Months                                                                                                                              | E0DRHLL | 167,84 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Telemetry Retail Store Editon Install Annual SW Subscription & Support Renewal                                                                                                                    | E0FANLL | 167,84 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect 10 Processor Value Units (PVUs) SW Subscription & Support Reinstatement 12 Months                                                                                                    | D1IQJLL | 167,84 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ELO - Publishing Document Builder for US Federal Saas Authorized User Advanced Support per Month                                                                                                     | E0E89ZX | 167,27 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Internet of Things Client Device Annual SW Subscription & Support Renewal                                                                                | E0N70LL | 167,19 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Planning Analytics Local TM1 Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                               | E064KLL | 167,19 | Manutenção após Vigência |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Enterprise User Value Unit Annual SW Subscription & Support Renewal                                             | E0M5HLL | 167,19 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Transformation Extender Processor Value Unit (PVU) Monthly License                                                               | D185QLL | 166,80 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Enterprise Hypervisor Edition for AIX Processor Value Unit (PVU) Monthly License                                                  | D19P2LL | 166,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Advanced Statistics Concurrent User Advanced Support Subscription                                                                     | Z29VNLL | 166,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Bootstrapping Concurrent User Advanced Support Subscription License                                                                   | Z0EP8ZX | 166,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Complex Samples Concurrent User Advanced Support Subscription License                                                                 | Z0DPWZX | 166,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Conjoint Concurrent User Advanced Support Subscription License                                                                        | Z0DPXZX | 166,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Data Preparation Concurrent User Advanced Support Subscription License                                                                | Z0EPGZX | 166,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Decision Trees Concurrent User Advanced Support Subscription License                                                                  | Z0ELZZX | 166,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Direct Marketing Concurrent User Advanced Support Subscription License                                                                | Z0ELIZX | 166,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Exact Tests Concurrent User Advanced Support Subscription License                                                                     | Z0EQEZX | 166,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Neural Networks Concurrent User Advanced Support Subscription License                                                                 | Z0ELPZX | 166,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages on Cloud Administrator User Authorized User Advanced Support per Month                                                           | E0G5AZX | 166,03 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12Months | D08KPZX | 165,97 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Enterprise for Non-Production Environment Processor Value Unit (PVU) Monthly License                                 | D183PLL | 165,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Express Cognos Analytics Consumer User Authorized User Monthly License                                                  | D17MRLL | 165,46 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Monitoring Resource Value Unit Monthly License                                                                                      | D18NILL | 165,46 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition per Entity ID Monthly License                                                       | D26T0LL | 165,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition Resource Value Unit Monthly License                                                 | D29PSLL | 165,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Cognos Analytics Explorer Reserved Authorized User Extended Support Subscription License                                | X09IXZX | 164,92 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Advanced Cartridge for IBM Cloud Pak for Data Reserved Authorized User Extended Support Subscription License              | X0A7VZX | 164,92 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Watson Captioning Live Integration 100 Minutes Pay per Use                                                    | D02I4ZX | 164,79 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli System Automation for Multiplatforms Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                   | D03LLLL | 164,17 | Manutenção após Vigência |

|      |    |                                                |      |      |                                                                                                                                                              |         |        |                           |
|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud Add Prod Environment ER AO Concurrent User Advanced Support per Month                                      | E0FE8ZX | 164,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Enterprise Virtual Cores Virtual Processor Core Pay per Use                                                            | D0DH5ZX | 163,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Virtual Cores Virtual Processor Core Pay Per Use                                                                       | D206VLL | 163,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for etcd Virtual Cores Virtual Processor Core Pay Per Use                                                                                | D206KLL | 163,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for PostgreSQL Virtual Cores Virtual Processor Core Pay                                                                                  | D206FLL | 163,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Redis Virtual Cores Virtual Processor Core Pay Per Use                                                                               | D206QLL | 163,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Messages for RabbitMQ Virtual Cores Virtual Processor Core Pay Per Use                                                                             | D2075LL | 163,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flows Additional Data Capacity 10K Flows Per Minute Advanced Support per Month                                                           | E0E02ZX | 163,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services File Transfer Service File Encryption Gigabyte Advanced Support per Month                                                              | E0E0GZX | 163,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months                      | D0IYXLL | 163,10 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months                   | E0BVPLL | 163,10 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Non Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E08UZZX | 162,96 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Audit and Investigation Professional per Authorized User Annual SW Subscription & Support Renewal                                                  | E0N7LLL | 162,59 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Workload Replay Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                     | E0DIDLL | 162,59 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 3 Special Edition 100 Resource Unit Advanced Support Subscription License                                                     | Z080IZX | 161,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Advanced Support Subscription License                                                        | Z0A2JZX | 161,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Package (Software) per 100 Resource Units Reserved Advanced Support Subscription License                                               | Z0A2UZX | 161,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite Software 100 Resource Unit Advanced Support Subscription License                                                                   | Z0AE7ZX | 161,78 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite Software Reserved 100 Resource Unit Advanced Support Subscription License                                                          | Z0AMHZX | 161,78 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Front End Terabyte (751-1250) Advanced Support Subscription License                                                              | Z2A2VLL | 161,78 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Message Broker Retail Store Edition Idle Standby Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                      | D0GG7LL | 161,53 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli SmartCloud Monitoring SmartCloud Monitoring Virtual Server Monthly License                                                                        | D18Y6LL | 161,15 | Saas                      |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Message Broker Retail Store Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                           | E05ZVLL  | 160,47 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Premium Availability Concurrent User Advanced Support per Month                                                           | E0E1SZX  | 160,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service Partner Support Entity ID per Month                                                                             | D0MGGLL  | 160,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Base Authorized User Extended Support Subscription License                                                                                  | X0EQWZX  | 159,91 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server - Express Processor Value Unit (PVU) from WAS Express 20 Intranet Users Trade Up License + SW Subscription & Support 12 Months | D582ELL  | 159,87 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Edge Application Manager BASE Install Monthly License                                                                                                       | D0BKIZX  | 159,27 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Base Campus Edition Academic Concurrent User Extended Support Subscription Lic                                                              | X0F9LZX  | 159,27 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Add-on for Red Hat OpenShift Resource Value Unit Subscription License                                              | D28LSLL  | 159,27 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Natural Language Understanding for Cloud 10000 Items Pay per Use                                                                                     | D1N6ILL  | 159,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 2 Reserved 100 Managed Virtual Servers Advanced Support Subscription License                                                     | Z09IRZX  | 158,65 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Govern 100 Eligible Participant Advanced Support per Month                                                                                   | E0GE5ZX  | 158,57 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Express Server Edition Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                             | D1CCCELL | 158,07 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational HIS for Multiplatform for System z, Authorized User Monthly License                                                                                | D1BURLL  | 158,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational HIS for Multiplatform, Authorized Authorized User Monthly License                                                                                  | D1BUQLL  | 158,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Central Site Server Processor Value Unit (PVU) Monthly License                                                                                    | D194PLL  | 158,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Base Virtualization Software Storage Capacity Unit (2001+) Monthly License                                                                                  | D1NE2LL  | 157,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SAN Volume Controller Flash Copy Terabyte (2001+) Monthly License                                                                                           | D1PVXLL  | 157,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SAN Volume Controller Metro Mirror Software Terabyte (2001+) Monthly License                                                                                | D1PVQLL  | 157,93 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Patient Hub - Standard Edition Limited Use Resource Value Unit Annual SW Subscription & Support Renewal                   | E0JZ5LL  | 157,42 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Account Lifecycle Manager On-Premises for Users Non-Production Authorized User Monthly License                                    | D06SEZX  | 157,22 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Scale Data Management Edition Terabyte Subscription License                                                                                         | D291ZLL  | 157,22 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli System Automation High Availability Policies for SAP Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                        | D0G6KLL  | 156,85 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Express Authorized User Overage                                                                                                    | D02BGZX  | 156,70 | Saas                      |



|      |    |                                                |      |      |                                                                                                                                                          |         |        |                          |
|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Premium Edition for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D0J1SLL | 156,20 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Express User Workspace Add-On Authorized User Monthly License                                                                                 | D1R8CLL | 156,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Reserved 100 Managed Virtual Servers Advanced Support Subscription License                                                    | Z09IPZX | 155,82 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Enterprise Edition Non-Production Environment Processor Value Unit (PVU) Monthly License                                     | D182FLL | 155,78 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite FlatTB Terabyte Extended Support Subscription License                                                                          | X28DRLL | 155,51 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite FlatTB Terabyte Extended Support Subscription License                                                                          | X28DVLL | 155,51 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Business Plus per User 3rd Party per Month                                                                                                           | D1IMSL  | 155,45 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center CPLEX Server for Non Production Processor Value Unit (PVU) Monthly License                                              | D1LMXLL | 155,42 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Modeler Server Premium for Non-Production Environment Processor Value Unit (PVU) Monthly License                                                | D17RDLL | 155,42 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataPower Gateway Virtual Enterprise - Production Edition Processor Value Unit Monthly License                                                       | D29N4LL | 155,30 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Actiance Alcatraz All Channels Dedicated Authorized User 3rd Party per Month                                                                             | D1JW1LL | 154,89 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Business Intelligence and Analytics Authorized User Annual SW Subscription & Support Renewal                                                   | E0E6ALL | 154,57 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Custom Domain Hub - Advanced Edition for Non-Financial Services Resource Value Unit Monthly License                                   | D19DJLL | 154,57 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Organization Hub - Advanced Edition for Non-Financial Services Resource Value Unit Monthly License                                    | D19D7LL | 154,57 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager User Value Unit from Security Identity Manager Trade Up License + SW Subscription & Support 12 Months           | D06DLLL | 154,57 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Base Authorized User Extended Support Subscription License                                                                           | X27QLLL | 154,26 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (251-500) Advanced Support Subscription License                                                                       | Z0CZ2ZX | 154,26 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (501-750) Extended Support Subscription License                                                                       | X0CZ3ZX | 154,26 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition Data Find Resource Value Unit Annual SW Subscription & Support Renewal                                   | E0D79LL | 154,07 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Solution for Application Retirement - Archive File Access Resource Value Unit SW S&S REINSTATE 12 MO                                | D077VZX | 154,07 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Enhanced Retention Management Processor Value Unit (PVU) Monthly License                                                    | D1FYELL | 153,62 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Approvals and Reporting user Authorized User Subscription per Month                         | D1UMFLL | 153,59 | Saas                     |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Flex Enterprise User Authorized User Overage                                                                                   | D1UM2LL | 153,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Flex for US Federal Enterprise User Authorized User Overage                                                                    | D1UM8LL | 153,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud for US Federal Approvals and Reporting User Authorized User Subscription per Month                                             | D1UMVLL | 153,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Approvals and Reporting User Authorized User Per Month                                                                         | D1C3QLL | 153,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Connector for Watson Analytics Authorized User Overage                                                                         | D1RH2LL | 153,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex Enterprise User (TRIRIGA) Authorized User Overage                                                                                   | D1MFKLL | 153,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex for US Federal Enterprise User (TRIRIGA) Authorized User Overage                                                                    | D1MFULL | 153,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud for US Federal (TRIRIGA) Connector for Watson Analytics Authorized User Overage                                                          | D1RH4LL | 153,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Stakeholder Authorized User Single Install Monthly License                                                                                              | D1BLHLL | 152,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Server Suite On-Premises Enterprise Ed Non Prod Virtual Server Monthly License                                                                                | D08Q2ZX | 152,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Edition for Data Warehousing Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                               | E0IBILL | 152,44 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | GitHub Enterprise on IBM Cloud per Authorized User per Month                                                                                                                                | D1NQ5LL | 152,34 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution Starter Edition for JD Edwards Applications Data Masking Option Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D0APALL | 151,32 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution Starter Edition for JD Edwards Applications Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                   | E07LULL | 150,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault Remote On-Premises User Value Unit SW Subscription and Support Renewal 12 Months                                                                        | E0R2WLL | 150,75 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Viewer Resource Value Unit Annual SW S&S Rnwl                                                                                                                  | E0D2TZX | 150,30 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM COBOL Runtime Environment for AIX Processor Value Unit Annual SW Subscription & Support Renewal                                                                                         | E0LQ3LL | 150,11 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2B Integrator Basic and Standard Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                     | E0LETLL | 150,11 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server Ready to Launch for SAP Applications Processor Value Unit (PVU) Monthly License                                                                                      | D1A7ELL | 149,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation with WDG Automation Attended Bot Agent per Concurrent Connection Advanced Support Subscription License                                                       | Z299WLL | 149,87 | Saas                      |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Host Adapters User Value Unit SW Subscription & Support Reinstatement 12 Months                                  | D29GXLL | 149,80 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Fusion Capacity Reserved Terabyte Subscription License                                                                              | D0A1BZX | 149,55 | Assinatura                |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | DrumWave dWallet Personal for IBM Cloud Pak for Data User per Annum                                                                             | D0A1PZX | 149,28 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Observability by Instana Infrastructure Quality Monitoring Saas Managed Virtual Server Overage                                              | D04Y3ZX | 149,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation as a Service Attended Bot Agent Concurrent Connection Advanced Support per Month                                 | E0E6VZX | 149,23 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Microsoft Office Employee User Value Unit SW Subscription & Support Reinstatement 12 Months                | D14IPLL | 148,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Permanent Redaction Employee User Value Unit SW Subscription & Support Reinstatement 12 Months             | D1HHVLL | 148,61 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix SE Runtime Concurrent Session Monthly License                                                                                      | D19Q5LL | 148,61 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Managed file Transfer Service High Availability Replica 10 Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0LNKLL | 148,61 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Snapshot per Terabyte 65-100 Monthly Licence                                                                                | D11LVLL | 148,23 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Virtual Environments 10 Processor Value Units (PVUs) SW Subscription & Support Reinstatement 12 Months                  | D1IVRLL | 148,18 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudant for IBM Cloud Reserved Reads 100 Events per Second Pay Per Use                                                                     | D1PHYLL | 147,97 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                    | D0J3ELL | 147,94 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Scale Data Access Edition Terabyte Monthly License                                                                                  | D20RMLL | 147,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition Federation Module Non-Production per Processor Value Unit MONTHLY LICENSE                            | D1GTXML | 146,99 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Breach Response on Cloud Add-On (CU) Concurrent User Advanced Support 12 Months                                               | E0E9FZX | 146,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Non-Production on Cloud Add-On (AU) Authorized User Advanced Support 12 Months                                                | E0E9IZX | 146,73 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM OS Image for AIX Systems Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                           | D0LWXLL | 146,16 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Now Factory Mediation for Red Hat Enterprise Linux Install Annual SW Subscription & Support Renewal 12 Months                               | E0MCELL | 145,87 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Financial Payments for Non Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal  | E0MDJLL | 145,54 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Healthcare for Non Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal          | E0MD7LL | 145,54 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Microsoft Office 1000 External Pack User Value Unit Monthly License                      | D1G8YLL | 145,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Permanent Redaction 1000 External Pack User Value Unit Monthly License                   | D1HFXLL | 145,48 | Saas                      |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Authorized User Annual SW Subscription & Support Renewal 12 Months                                                                             | E0QQ8LL | 144,94 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced High Availability Replica Processor Value Unit (PVU) from IBM MQ High Availability Replica Processor Value Unit Trade Up License + SW Subscription & Support 12 Months | D1H5ILL | 144,94 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM MQ Managed File Transfer Agent Install Extended Support Subscription License                                                                                                       | X07DEZX | 144,86 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM MQ Managed File Transfer Agent Install Extended Support Subscription License                                                                                                       | X07DFZX | 144,86 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services Collaboration Network Co-Managed VPN Connection Advanced Support per Month                                                                                       | E0DYNZX | 144,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services File Transfer Service Gigabyte Advanced Support per Month                                                                                                        | E0E0DZX | 144,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Standard Edition Processor Value Unit (PVU) Monthly License                                                                                                | D1833LL | 144,53 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | Motio ReportCard Authorized User SUBSCRIPTION LICENSE                                                                                                                                  | D08Y1ZX | 144,22 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BLU Acceleration Pattern Processor Value Unit (PVU) Monthly License                                                                                                                | D1GMTLL | 143,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Data Retention Terabyte (101-250) Monthly License                                                                                                              | D1IQDLL | 143,91 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Foundation Add On for IBM Content Manager Enterprise Edition Employee User Value Unit Annual SW Subscription & Support Renewal                                             | E0IFCLL | 143,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced High Availability Replica Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                 | D1H5HLL | 143,41 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment per Authorized User Licence and Service & Support 12 Months                                                         | D0V68LL | 143,41 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Services Director Processor Value Unit (PVU) Monthly License                                                                                                | D19G3LL | 142,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Observability by Databand Resource Unit Overage                                                                                                                               | D0BUEZX | 142,71 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Non-Production Processor Value Unit License + SW Subscription & Support 12 Months                                                              | D26W7LL | 142,35 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub Advanced Edition Limited Use Resource Value Unit Annual SW Subscription & Support Renewal                                         | E0JZBLL | 142,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Retail Store Server Starter Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                   | D096GLL | 142,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Retail Store Server Starter Edition with Informix Database Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                            | D096KLL | 142,21 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager Host Edition User Value Unit SW Subscription & Support Reinstatement 12 Months                                                                | D06EXLL | 142,21 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Employee User Value Unit Monthly License                                                                                                                  | D1FYDLL | 142,14 | Saas                      |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Services Director Workgroup Edition for Non Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal              | E0DE3LL | 141,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution for JD Edwards EnterpriseOne Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                             | E06LCLL | 141,57 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Monitoring Add On for IBM Retail Store Server Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                      | D25NFL  | 141,57 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector HSA Feed Annual SW S&S Rnwl                                                                                                              | E0BISZX | 141,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector HSA Feed Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                        | D0BIRZX | 141,27 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector LAB Feed Annual SW S&S Rnwl                                                                                                              | E0BJCZX | 141,27 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector LAB Feed Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                        | D0BJBZX | 141,27 | Upgrade com Manutenção    |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Attended Bot Authorized User Single Install Advanced Support Subscription License                                       | Z267MLL | 141,09 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Employee User Value Unit Annual SW Subscription & Support Renewal                                                                                     | E0JEVLL | 140,63 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Authorized User Annual SW Subscription & Support Renewal                                                     | E08KTZX | 140,63 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud Additional Prod Environment Concurrent User Advanced Support per Month                                                        | E0FE9ZX | 140,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Turbonomic Application Resource Management Managed Virtual Servers Overage                                                                                                  | D09EDZX | 140,53 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Control Desk Authorized User Extended Support Subscription License                                                                                                          | X07FMZX | 140,46 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Platinum RAM Gigabyte-Month Pay per Use                                                                                                   | D0F1SZX | 140,34 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Automated Network Observability Managed Client Device Trade Up from IBM SevOne Network Performance Management Managed Client Device License + Software S&S 12 Months | D0GK1ZX | 140,21 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Monitoring Add On for IBM Retail Store Server Client Device Annual SW Subscription & Support Renewal 12 Months                                                              | E0QEBLL | 140,05 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Enterprise Edition User Value Unit SW Subscription & Support Reinstatement 12 Months                                                              | D1K14LL | 140,05 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics as a Service Add on User Authorized User Advanced Support per Month                                                                                      | E0GZPZX | 139,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn Co managed VPN Connection Advanced Support per Month                                                                                    | E0E1IZX | 139,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere DataStage Workgroup Edition Processor Value Unit (PVU) Monthly License                                                                                           | D19IOLL | 139,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Enterprise Server Edition for Non-Production Environments Processor Value Unit (PVU) Monthly License                                                           | D1TIYLL | 139,21 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | Application Optimization Module for IBM DataPower Gateway Virtual Edition Processor Value Unit Annual Software Subscription & Support Renewal | E0KHLL  | 138,99 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn eInvoicing Async API 350 Documents Advanced Support per Month                                         | E0EB9ZX | 138,98 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Scale Backup Terabyte Monthly License                                                                                             | D0DSQZX | 138,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Server Professional Processor Value Unit (PVU) Monthly License                                                            | D17THLL | 138,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Processor Value Unit (PVU) Monthly License                                                                        | D1L3JLL | 138,56 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM z/TPF Limited License for Development and Test Authorized User Single Install Subscription License                                        | D29BRLL | 138,56 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Non-Production Processor Value Unit (PVU) LIC + SW S&S 12 MO               | D08S1ZX | 138,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Non-Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal           | E0CPNLL | 137,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Application Dependency Discovery Manager for zOS Data Resource Value Unit SW Subscription & Support Reinstatement 12 Months        | D61SALL | 137,32 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Application Dependency Discovery Manager Resource Value Unit SW Subscription & Support Reinstatement 12 Months                     | D575PLL | 137,32 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Package (Saas) for Non- Production Environment Resource Unit Advanced Support per Month                                   | E0E04ZX | 137,11 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud DevOps for Cloud Pak for Applications Resource Unit Extended Support Subscription License                                           | X2781LL | 136,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Authorized User Monthly License                                                                                   | D1K84LL | 136,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Collector for File Systems for Non-Production Environment Processor Value Unit (PVU) Monthly License                              | D1FYRLL | 136,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Collector for Microsoft SharePoint for Non-Production Environment Processor Value Unit (PVU) Monthly License                      | D1FYTLL | 136,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MongoDB Enterprise RAM Gigabyte-Month Pay Per Use                                                                     | D27KJLL | 136,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure Gateway Professional for IBM Cloud Additional Gateways Item Pay Per Use                                                            | D1SKXLL | 136,29 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition per Entity ID Subscription License                                                 | D28LZLL | 135,97 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Enterprise Edition User Value Unit Annual SW Subscription & Support Renewal                                | E0MCNLL | 135,48 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (1-100) Extended Support Subscription License                                                      | X07HSZX | 135,44 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Per Processor Value Unit (PVU) Monthly License                                                                           | D1R9RLL | 134,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Instana Observability Self-Hosted Managed Virtual Server Extended Support Subscription License                                            | X29RTL  | 134,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Hybrid Cloud DNS GSLB Advanced Interaction per Month                                                                                      | D0GYYZX | 134,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect RUM Traffic Steering Advanced Interaction per Month                                                                           | D0GNNZX | 134,31 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Carrier Intelligence US 100 Connections per Annum                                                                         | D202YLL | 134,28 | Saas                      |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Option Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                            | E023XLL  | 134,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SQL Runtime Option zSeries (S/390) Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                            | E023YLL  | 134,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Liberty Core with Custom Pattern Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                 | D1DXLL   | 134,25 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | TIBCO Enterprise Message Service Module for IBM DataPower Gateway Virtual Edition for Non Production Environments Processor Value Unit Software Subscription & Support Reinstatement 12 Months | D1AZLL   | 134,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | TIBCO Enterprise Message Service Module for IBM DataPower Gateway Virtual Edition Processor Value Unit Software Subscription & Support Reinstatement 12 Months                                 | D1B0XLL  | 134,22 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand for i PDF Indexer Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                        | D0CKDLL  | 133,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand PDF Indexer Multiplatforms Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                               | D55HHLL  | 133,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution for Oracle Applications Data Privacy Option Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                    | D0Z3ELL  | 133,67 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Performance Management Managed Client Device License + SW Subscription & Support 12 Months                                                                                  | D08PVZX  | 133,67 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Upgrade Environment Processor Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                                           | E0RBNLL  | 133,00 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for zOS per Value Unit (MSU) Extended Support Subscription License                                                                                       | X29AJLL  | 132,94 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum MPI Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                                         | D0Q16LL  | 132,73 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Database Encryption Expert for Linux, UNIX, and Windows Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                              | E042KLL  | 132,59 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Organization Hub Standard Edition Lmt'd Use Resource Value Unit Annual SW Subscription & Support Renewal                                                 | E0JZ0LL  | 132,44 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Db2 on Cloud Paygo for AWS Additional Special Data Transfer Fee 100 Gigabyte Transmitted Outbound Pay per Use                                                                                  | D01XZZX  | 132,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted RAM Flex Paygo Gigabyte Pay Per Use                                                                                                                                             | D1W88LL  | 132,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant for IBM Cloud 10000 API Call Pay per Use                                                                                                                                  | D1NM7LL  | 132,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Engagement - Premium Perils Add-On Thousand Registrations Overage                                                                                                   | D1RDP LL | 132,13 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition Resource Value Unit Subscription License                                                                                            | D29PWLL  | 132,05 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management 10 Managed Client Devices Annual SW Subscription & Support Renewal                                                                        | E0J9BLL  | 131,37 | Manutenção após Vigência  |

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| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Role Optimization User Value Unit SW Subscription & Support Reinstatement 12 Months                                       | D1K0NLL | 131,12 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Automated Network Observability Managed device Monthly License                                                                                | D0GGPZX | 131,06 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud process runtime environment Concurrent User Advanced Support per Month                                                                  | E0E1RZX | 130,58 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Data Capacity 100 Events Per Second Advanced Support per Month                                                                       | E0DZWZX | 130,58 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Microsoft Office Authorized User Value Unit Annual SW Subscription & Support Renewal              | E0LHDL  | 130,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Permanent Redaction Authorized User Value Unit Annual SW Subscription & Support Renewal 12 Months | E0LQKLL | 130,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Enterprise Server Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal        | E0KTOLL | 130,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Enterprise Server Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal   | E0KT8LL | 130,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Enterprise Server Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                        | E0KS7LL | 130,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Manager On-Premises for Client per Managed Client Device SW Subscription & Support Reinstatement 12 Months                 | D2206LL | 130,29 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Connection Annual SW Subscription & Support Renewal 12 Months                                                        | E0BY2LL | 130,29 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Business Premium Support 10 Client Devices Overage                                                          | D1WGILL | 130,27 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Phishing Protection for Retail Premium Support 100 Client Devices Overage                                                           | D1WGELL | 130,27 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Income Support for Medical Assistance Professional Authorized User Annual SW Subscription & Support Renewal                                    | E0E7ULL | 130,06 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Life Event Management Professional Authorized User Annual SW Subscription & Support Renewal                                                    | E0ECILL | 130,06 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Availability - Db2 Warehouse Virtual Processor Core Extended Support Subscription License                                       | X04QXZX | 129,81 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Manager On-Premises for Server per Managed Virtual Server Annual SW Subscription & Support Renewal 12 Months               | E0PRXLL | 129,81 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Front End Terabyte (1251-2000) Advanced Support Subscription License                                                         | Z2A2WLL | 129,81 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Observability by Databand Resource Unit per Month                                                                                               | D0BUDZX | 129,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Suite AppPoint Extended Support Subscription License                                                                | X05KSZX | 129,17 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Front End Terabyte (2001+) Extended Support Subscription License                                                             | X2A2XLL | 129,17 | Assinatura               |



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| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (751-1250) Extended Support Subscription License                                                     | X0CZ4ZX | 129,17 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                        | D0EK5LL | 129,08 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Categories Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                 | D0EK5LL | 129,08 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Complex Samples Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                            | D0EKNLL | 129,08 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Conjoint Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                   | D0EKJLL | 129,08 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Custom Tables Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                              | D0EKFLL | 129,08 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Decision Trees Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                             | D0EM9LL | 129,08 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                           | D0ENMLL | 129,08 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Exact Tests Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                | D0EQCLL | 129,08 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Forecasting Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                | D0EQKLL | 129,08 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Missing Values Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                             | D0EQ8LL | 129,08 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Neural Networks Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                            | D0EQ4LL | 129,08 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Regression Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                 | D0EQGLL | 129,08 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Premium Availability Authorized User Advanced Support per Month                                   | E0G88ZX | 128,40 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli System Automation Application Manager for zOS Adapter Processor Value Unit (PVU) Annual SW Subscription & Support Renewal    | E04JZLL | 128,14 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for MongoDB Gigabyte Memory Gigabyte-Month Pay per Use                                                    | D0318ZX | 128,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Flex Enterprise User Authorized User Subscription per Month                | D1UM1LL | 128,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Flex for US Federal Enterprise User Authorized User Subscription per Month | D1UM7LL | 128,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Connector for Watson Analytics Authorized User per Month                   | D1RH1LL | 128,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex Enterprise User (TRIRIGA) Authorized User per Month                             | D1MFJLL | 128,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex for US Federal Enterprise User (TRIRIGA) Authorized User per Month              | D1MFTLL | 128,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud for US Federal (TRIRIGA) Connector for Watson Analytics Authorized User per Month    | D1RH3LL | 128,09 | Saas                     |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Entry per Terabyte (1-100) Extended Support Subscription License                                                                                | X2A2DLL | 127,92 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Wazi Image Builder Authorized User Single Session License + SW Subscription & Support                                                                                 | D0BECZX | 127,92 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Edge Application Manager BASE Install Subscription License                                                                                                            | D0BKJZX | 127,61 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ High Availability Replica Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                                                                 | D0GGQLL | 127,42 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                                | E0256LL | 127,42 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Storage Optimization Feature for Enterprise Edition Authorized User Single Install Monthly License                                                           | D19N4LL | 127,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Hybrid Cloud DNS GSLB Standard Interaction Overage                                                                                                                    | D0GZ1ZX | 126,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for Managed Service Provider Add-On Saas Flex Limited Use Authorized User Overage                                                                          | D1V1JLL | 126,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Nuclear Add-On Saas Flex Limited Use Authorized User Overage                                                                                               | D1V1ULL | 126,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Oil and Gas Add-On Saas Flex Limited Use Authorized User Overage                                                                                           | D1V1WLL | 126,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Transportation Add-On Saas Flex Limited Use Authorized User Overage                                                                                        | D1V1LLL | 126,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Utilities Add-On Saas Flex Limited Use Authorized User Overage                                                                                             | D1V1YLL | 126,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect RUM Traffic Steering Standard Interaction Overage                                                                                                         | D0GYTZX | 126,85 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Content Manager OnDemand Enhanced Retention Management Processor Value Unit (PVU) SUBSCRIPTION LICENSE                                                                | D07VMZX | 126,67 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational HATS for Multiplatform Authorized User Monthly License                                                                                                       | D1BUCLL | 126,67 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Natural Language Understanding For Cloud Custom Classifier Model Instance Pay per Use                                                                          | D06Y7ZX | 126,66 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server - Express Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                   | D582DLL | 126,61 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Liberty Core Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                | D0ZE0LL | 126,61 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Operations Analytics Predictive Insights on Cloud for IBM Cloud Application Performance Management Advanced Average Managed Virtual Server Advanced Support per Month | E0E69ZX | 126,54 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module per User Value Unit License + SW Subscription & Support 12 Months                               | D1GTMLL | 126,15 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Contributor Authorized User Advanced Support per Annum                                                                                                 | E0E8DZX | 126,12 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Modeler Server Professional for Non-Production Environment Processor Value Unit (PVU) Monthly License                                                            | D17T4LL | 125,99 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Data Cognos Analytics Viewer Reserved Authorized User Subscription License                                                                              | D09LRZX | 125,72 | Assinatura                |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere DataStage for Non-Production Environments Processor Value Unit (PVU) Monthly License                                                                       | D1DDXLL | 125,72 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Aspera faspio Client 100 Install Annual SW Subscription & Support Renewal                                                                                             | E0QKSLL | 125,70 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Sterling Secure Proxy for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D1FQILL | 125,70 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Account Lifecycle Manager On-Premises for Users Non-Production Authorized User SUBSCRIPTION LICENSE                                         | D06SGZX | 125,63 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli System Automation Application Manager Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                             | D03K4LL | 125,41 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Security Guardium Vulnerability Assessment for Databases per Resource Value Unit Extended Support Subscription License                                                    | X299HLL | 125,41 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix NET Concurrent Session Annual SW Subscription & Support Renewal                                                                                              | E2DHHLL | 125,13 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Turbonomic Application Resource Management On Prem Managed Virtual Server Subscription License                                                                        | D28FALL | 125,10 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Financial Standard Edition Connection Monthly License                                                                                         | D182MLL | 124,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Observability by Instana Infrastructure Quality Monitoring Saas Managed Virtual Server per Month                                                                      | D04Y2ZX | 124,36 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Cognos Analytics Explorer Reserved Authorized User Advanced Support Subscription License                                                           | Z09IXZX | 123,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Advanced Cartridge for IBM Cloud Pak for Data Reserved Authorized User Advanced Support Subscription License                                         | Z0A7VZX | 123,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Modernization Authorized User Extended Support Subscription Lic                                                                             | X03D8ZX | 123,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Modernization Reserved Authorized User Extended Support Subscription License                                                                | X09J1ZX | 123,54 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Optim pureQuery Runtime for Linux, UNIX, and Windows Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                     | D61YLLL | 123,15 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Service Storage (Saas) Gigabyte Overage                                                                                                               | D1AJILL | 123,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Enterprise Suite (Saas) Authorized User Overage                                                                                                               | D1P3ZLL | 123,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Snapshot per Terabyte 101-250 Monthly Licence                                                                                                         | D11LWLL | 122,90 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Identity Insight Processor Value Unit (PVU) Monthly License                                                                                                | D1JL8LL | 122,59 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational HATS for 5250 Applications on Multiplatforms Processor Value Unit (PVU) Monthly License                                                                      | D1BDVLL | 122,59 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution Open Data Manager Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                  | D08BLLL | 122,34 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Enterprise Ed Non Prod Virtual Server Subscription License                                                         | D08Q3ZX | 121,96 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Virtualize for Public Cloud 1 Terabyte Monthly License Incremental Capacity                                                                                  | D1VPCLL | 121,96 | Saas                     |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Virtualize for Public Cloud on AWS 1 Terabyte Monthly License                                                                                                            | D22SULL  | 121,96 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Virtualize for Public Cloud on Azure Terabyte Monthly License                                                                                                            | D08JYZX  | 121,96 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                               | D0J2PLL  | 121,46 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Network Performance Management Managed Device Monthly License                                                                                                              | D08PRZX  | 121,34 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (101-250) Extended Support Subscription License                                                                                            | X07HPZX  | 121,34 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Daeja ViewONE Virtual Module for Microsoft Office 1000 External Pack User Value Unit Monthly License                                                                              | D1HFP LL | 121,33 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Daeja ViewONE Virtual Module for Permanent Redaction 1000 External Pack User Value Unit Monthly License                                                                           | D1HFS LL | 121,33 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TXSeries Processor Value Unit (PVU) Monthly License                                                                                                                               | D192W LL | 120,96 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for File Systems Authorized User Value Unit Annual SW Subscription & Support Renewal                                                                            | E05NZ LL | 120,25 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataPower Gateway Virtual Edition Processor Value Unit (PVU) Monthly                                                                                                              | D1CY LL  | 120,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Base Authorized User Advanced Support Subscription License                                                                                                        | Z0EQW ZX | 120,08 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud App ID Graduated tier pricing 10000 Authorized Users Pay Per Use                                                                                                            | D1SS8 LL | 120,07 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud DevOps Insights Enterprise Per Application Pay Per Use                                                                                                                      | D20LJ LL | 120,07 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud DevOps Insights Enterprise per Item Pay Per Use                                                                                                                             | D21AB LL | 120,07 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Base Campus Edition Academic Concurrent User Advanced Support Subscription Lic                                                                                    | Z0F9L ZX | 119,77 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Referenced Programs via FTP Logs Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0PSN LL | 119,64 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak System Software Suite Processor Value Unit (PVU) Monthly License                                                                                                        | D1PEK LL | 119,19 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix OnLine Extended Edition Registered User Annual SW Subscription & Support Renewal                                                                                         | E00JAL L | 119,14 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix SE Personal Edition Registered User Annual SW Subscription & Support Renewal                                                                                             | E00J7 LL | 119,14 | Manutenção após Vigência |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Authorized User Advanced Support per Annum                                                                                                                        | E0EGD ZX | 118,68 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Vault Analytics Instance Advanced Support 12 Months                                                                                                     | E0E28 ZX | 118,68 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud M365 without Storage Authorized User per Annum                                                                                                          | D09S9 ZX | 118,68 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud Salesforce without Storage Authorized User per Annum                                                                                                    | D0BYA ZX | 118,68 | Saas                     |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced for Non-Production Environment Processor Value Unit (PVU) Annual Software Subscription and Support Renewal         | E052GZX | 118,08 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Federation Module per User Value Unit SW Subscription & Support Reinstatement 12 Months | D1GTDLL | 117,64 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Application Suite per AppPoint Extended Support Subscription License                                                    | X28B4LL | 117,58 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Application Suite Reserved AppPoint Extended Support Subscription License                                               | X09K7ZX | 117,58 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Maximo IT AppPoint Extended Support Subscription License                                                                       | X0GKHZX | 117,58 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Symphony Desktop Harvesting Client Device Monthly License                                                             | D191SLL | 117,58 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM watsonx.data Non-Production Virtual Processor Core Advanced Support Subscription License                                       | Z0F3NZX | 117,58 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Standard Edition Resource Value Unit Annual SW Subscription & Support Renewal                                     | E0DX7LL | 117,45 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Full Text Search Processor Value Unit (PVU) Monthly License                                           | D1FYFLL | 117,27 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Turbonomic Application Resource Management Managed Virtual Servers per Month                                                   | D09ECZX | 116,90 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite FlatTB Terabyte Advanced Support Subscription License                                                    | Z28DRLL | 116,63 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite FlatTB Terabyte Advanced Support Subscription License                                                    | Z28DVLL | 116,63 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Cartridge for Cloud Pak for Data Authorized User Extended Support Subscription License               | X03HAZX | 116,32 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud Microsoft Dyanmics 365 without Storage Authorized User Overage                                       | D0DH0ZX | 115,96 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Host Access Client Package for Multiplatforms Authorized User Monthly                                                          | D1BDULL | 115,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Base Authorized User Advanced Support Subscription License                                                     | Z27QLLL | 115,69 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (501-750) Advanced Support Subscription                                                         | Z0CZ3ZX | 115,69 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | Motio CI Testing Environment Processor Value Unit Subscription License                                                             | D29LBLL | 115,58 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Server Premium Processor Value Unit Subscription License Upgrade                                               | D0EHEZX | 115,38 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Server Professional Processor Value Unit Subscription License                                                  | D0ERPZX | 115,38 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Life Sciences Add-On Saas Flex Limited Use Authorized User Overage                                                  | D1V1SLL | 115,35 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Linear Asset Manager Add-on Saas Flex Authorized User Overage                                                       | D1UJHLL | 115,35 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Partner Engagement Manager Standard for Non-Prod Container Edition Resource Value Unit Monthly License                | D0853ZX | 114,25 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere QualityStage Workgroup Edition Processor Value Unit (PVU) Monthly License                                           | D19ICLL | 114,12 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Scale Data Access Edition Terabyte Subscription License                                                                | D291XLL | 114,12 | Assinatura               |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF License Scheduler Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                    | E02YZZX | 114,07 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Express Additional Author Authorized User Advanced Support per Month                                                   | E0G8CZX | 113,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Connect Unlimited Edition for System i Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                           | E02JDLL | 113,78 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere QualityStage for Non-Production Environments Processor Value Unit (PVU) Monthly License                                                       | D1D09LL | 113,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Application Adapters User Value Unit SW Subscription & Support Reinstatement 12 Months                                        | D29GNLL | 113,78 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Content Manager OnDemand Employee User Value Unit Subscription License                                                                                   | D08GJZX | 113,18 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Governance Catalog for Non-Production Processor Value Unit (PVU) Monthly License                                                  | D19IXLL | 113,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Add-on to IBM Sterling B2B Integrator Enterprise Edition for Non-Production Environment Processor Value Unit (PVU) Monthly License | D183ALL | 113,18 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Campus Edition Academic Campus Value Unit Extended Support Subscription Lic                                                      | X0FCHZX | 112,87 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Network Management PA Managed Virtual Server Lic + SW S&S 12 Mo                                                               | D15ITLL | 112,56 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational HIS for 5250 Applications, Authorized User Monthly License                                                                                      | D1BUSLL | 112,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Insight Edition Add-On Network Scanning Device Resource Value Unit Monthly License                                                               | D1K08LL | 111,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Insight Edition Add-On Occasional Authorized User Value Unit Monthly License                                                                     | D1K06LL | 111,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Service Storage (Saas) Gigabyte per Month                                                                                                | D1AJHLL | 111,93 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Enterprise Suite (Saas) Authorized User per Month                                                                                                | D1P3YLL | 111,93 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Campus Edition Academic Authorized User Extended Support Subscription Lic                                                       | X0FC9ZX | 111,62 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Maximo IT Reserved AppPoint Extended Support Subscription License                                                                                        | X0GKUZX | 111,00 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics Content Hub Authorized User Monthly License                                                                                                    | D0D6BZX | 110,67 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Maximo Anywhere Authorized User Extended Support Subscription License                                                                                    | X07G0ZX | 110,67 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Scale Backup Terabyte Subscription License                                                                                                       | D0DSRZX | 110,67 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management Patient Hub - Standard Edition Resource Value Unit Monthly License                                                     | D19E9LL | 110,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Product Hub - Advanced Edition for Non-Financial Services Resource Value Unit Monthly License                                             | D19DDLL | 110,20 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Premium Edition-Base-Tier 2 Support A Active Entity ID Advanced Support per Month                                          | E0E7UZX | 110,07 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Connect Application Server Edition Processor Value Unit (PVU) Monthly License                                                                        | D1MRLLL | 109,74 | Saas                      |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Records Foundation Add-On Authorized User Value Unit Monthly License                                                                 | D1DACLL | 109,42 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Supply Chain EDI for Non Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal        | E0MDDL  | 109,26 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Log Analysis Log Search 10GB per day Log Search Instance Pay per Use                                                                      | D1UF2LL | 109,18 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months         | D0EKXLL | 108,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Categories Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                  | D0EKRL  | 108,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Complex Samples Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months             | D0EKMLL | 108,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Conjoint Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                    | D0EKILL | 108,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Custom Tables Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months               | D0EKELL | 108,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Decision Trees Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months              | D0EMRLL | 108,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months            | D0EMVLL | 108,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Exact Tests Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                 | D0EQFLL | 108,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Forecasting Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                 | D0EQNLL | 108,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Missing Values Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months              | D0EQ7LL | 108,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Neural Networks Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months             | D0EPVLL | 108,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Regression Server for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months                  | D0EQULL | 108,89 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Statistics Base Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                  | E09P2LL | 108,89 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Upgrade Environment Authorized User Annual SW Subscription & Support Renewal 12 Months                                                     | E0RBMLL | 108,49 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Account Hub - Standard Edition for Financial Services Resource Value Unit Monthly License                                        | D19D2LL | 108,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Individual Hub - Standard Edition for Financial Services Resource Value Unit Monthly License                                     | D19CXLL | 108,40 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Manager On-Premises Non-Production for Client per Managed Client Device License + SW Subscription & Support 12 Months | D05YHZX | 108,40 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 3 Disaster Recovery Reserved SL 100 Resource Unit Extended Support Subscription License                              | X080HZX | 108,16 | Saas                      |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite Software Disaster Recovery Reserved 100 Resource Unit Extended Support Subscription Lic                                     | X0AIFZX | 108,16 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Express Server Edition Authorized User Single Install Annual SW Subscription & Support Renewal                    | E0KSKLL | 107,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager Application Edition User Value Unit SW Subscription & Support Reinstatement 12 Months                        | D06EVLL | 107,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Workload Scheduler for Applications Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                  | D1G82LL | 107,91 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for MQ Managed File Transfer Service Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D1HIVLL | 107,66 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 3 Disaster Recovery 100 Resource Unit Extended Support Subscription License                                            | X05MJZX | 107,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite Software Disaster Recovery 100 Resource Unit Extended Support Subscription License                                          | X0AELZX | 107,54 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (251-500) Extended Support Subscription License                                                            | X07HVZX | 107,54 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Express Performance Management User Workspace Add-On Authorized User Monthly License                                                       | D1R8TLL | 107,23 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Partner Engagement Manager Standard Edition for Non-Production Environment per Entity ID Monthly License                                 | D28ZWLL | 107,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Partner Engagement Manager Standard Edition Non-Production Resource Value Unit Monthly License                                           | D29PVLL | 107,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ILOG CPLEX Optimizer Deployment Edition Processor Value Unit (PVU) Monthly License                                                                | D180ELL | 106,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix SQL Runtime Concurrent Session Monthly License                                                                                           | D19RHLL | 106,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix SQL Runtime zSeries S390 Concurrent Session Monthly License                                                                              | D19Q1LL | 106,91 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Ext User User Value Unit License + SW Subscription & Support 12 Months                                       | D04K1LL | 106,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server - Express Processor Value Unit (PVU) from Competitive Products Competitive Trade Up License + SW S&S 12 Months       | D582FLL | 106,82 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Liberty Core Processor Value Unit (PVU) from Qualified Competitor Competitive Trade Up License + SW S&S 12 Months    | D0ZE1LL | 106,82 | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Change Data Delivery Processor Value Unit (PVU) Monthly License                                                                        | D19HHLL | 106,60 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Automated Network Observability Managed Client Device Annual SW S&S RnwI                                                                   | E0GK2ZX | 106,60 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Amos Campus Edition Concurrent User Extended Support Subscription Lic                                                             | X0FCWZX | 106,60 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Order Management Software Store Add-on Certified Container Resource Value Unit SL UPGRADE                                                | D0C0IZX | 106,60 | Upgrade                   |



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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose for Elasticsearch for IBM Cloud Gigabyte-Month Pay Per Use                                                                                 | D1Q2NLL | 106,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Network Management Managed Virtual Network Device Monthly License                                                       | D18Z9LL | 106,24 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Process Manager Concurrent User Monthly License                                                                                       | D02ZRZX | 106,24 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum MPI Resource Value Unit Initial Fixed Term License + SW Subscription & Support 12 Months                                                  | D0Q0BLL | 106,18 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum MPI Resource Value Unit Subsequent Fixed Term License + SW Subscription & Support 12 Months                                               | E0DWZLL | 106,18 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Transformation Extender Pack for SAP Applications for Non Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0N14LL | 106,18 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 2 Disaster Recovery Reserved 100 Managed Virtual Servers Extended Support Subscription License                          | X09ITZX | 105,98 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Amos Authorized User Extended Support Subscription License                                                                                    | X283JLL | 105,98 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Concept Insights for IBM Cloud 10000 API Calls Pay Per Use                                                                                  | D1IJYLL | 105,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Natural Language Classifier for IBM Cloud Instance Pay Per Use                                                                              | D1HYSLL | 105,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Visual Recognition Custom Object Detection Tagging for IBM Cloud 10,000 Events Pay Per Use                                                  | D22WHLL | 105,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Visual Recognition Explicit Model for IBM Cloud 10000 Events Pay Per Use                                                                    | D1Y5DLL | 105,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Visual Recognition Food Model for IBM Cloud 10000 Events Pay Per Use                                                                        | D1T39LL | 105,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Visual Recognition Image Tagging for IBM Cloud 10000 Events Pay per Use                                                                     | D1N6MLL | 105,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Visual Recognition Text Model for IBM Cloud 10000 Events Pay Per Use                                                                        | D1Y5ELL | 105,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Visual Recognition Custom Tagging for IBM Cloud 10000 Events Pay per Use                                                                    | D1N6PLL | 105,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management Provider Hub - Advanced Edition Limited Use Resource Value Unit Monthly License                                  | D1GNFLL | 105,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Server Suite On-Premises Standard Ed Non Prod Virtual Server Monthly License                                             | D08QQZX | 105,88 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM for Managed Service Provider Add-On Saas Flex Limited Use Authorized User Subscription per Month                                        | D1V1ILL | 105,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Nuclear Add-On Saas Flex Limited Use Authorized User Subscription per Month                                                             | D1V1TLL | 105,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Oil and Gas Add-On Saas Flex Limited Use Authorized User Subscription per Month                                                         | D1V1VLL | 105,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Transportation Add-On Saas Flex Limited Use Authorized User Subscription per Month                                                      | D1V1KLL | 105,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Utilities Add-On Saas Flex Limited Use Authorized User Subscription per Month                                                           | D1V1XLL | 105,71 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Engagement - Premium Perils Add-On Thousand Registrations per Month                                                         | D1RDNLL | 105,71 | Saas                      |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Client Device Annual SW Subscription & Support Renewal                                                                       | E0LWFLL | 105,24 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Extended Edition Client Device Annual SW Subscription & Support Renewal                                                      | E0LWLLL | 105,24 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for SAN Client Device Annual SW Subscription & Support Renewal                                                               | E0LW0LL | 105,24 | Manutenção após Vigência |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud Microsoft Dyanmics 365 without Storage Authorized User per Annum                                                   | D0DGZZX | 105,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Additional Memory 16 Gigabytes Advanced Support per Month                                                  | E0E5CZX | 104,77 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Automated Network Observability Managed device Subscription License                                                                   | D0GGMZX | 104,72 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Bot Insight Authorized User Extended Support Subscription License                        | X267LLL | 104,40 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Integration for Data Warehousing Processor Value Unit (PVU) Annual SW Subscription & Support Renewal  | E0IBELL | 103,65 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Premium Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                 | E0BX8LL | 103,65 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Store Edition Small Certified Container Resource Value Unit Extended Support Subscription License             | X28LTLL | 103,47 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Optim High Performance Unload for Db2 Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                    | E020VLL | 103,40 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager User Value Unit Annual SW Subscription & Support Renewal                                                | E05TLLL | 103,40 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Key Lifecycle Manager for SmartMeters 1000 Client Devices Monthly License                                                  | D17KXLL | 103,38 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Integration Add-on for File Gateway Enterprise Edition for Non-Production Processor Value Unit (PVU) Monthly License | D182TLL | 103,38 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Standard Edition Connection Monthly License                                                                          | D182YLL | 103,38 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose for etcd for IBM Cloud 256 Megatybe-Month Pay Per Use                                                                                | D1Q2SLL | 103,35 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose for RabbitMQ for IBM Cloud 256 Megatybe-Month Pay Per Use                                                                            | D1Q2TLL | 103,35 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for SharePoint per Authorized User SW Subscription & Support Reinstatement 12 Months                       | D1X62LL | 103,15 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Decision Optimization Center Data Server for Non Production Processor Value Unit (PVU) Monthly License                                       | D1LNBLL | 103,02 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (1251-2000) Extended Support Subscription License                                                             | X0CZ5ZX | 102,84 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Collector for SAP Applications Employee User Value Unit Monthly License                                                              | D1FX5LL | 102,67 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Professional (Saas) Authorized User Overage                                                                                          | D1DKHLL | 102,60 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Watson Curator 100 Documents Advanced Support per Month                                                                                          | E0FZYZX | 101,98 | Saas                     |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution - Archive File Access Processor Value Unit (PVU) LIC + SW S&S 12 MO                                                        | D06YZZX | 101,93 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Translation Server English to/from Brazilian Portuguese Processor Value Unit (PVU) Monthly License                                                     | D1937LL | 101,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Translation Server English to/from French Processor Value Unit (PVU) Monthly License                                                                   | D192ZLL | 101,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Translation Server English to/from German Processor Value Unit (PVU) Monthly License                                                                   | D1931LL | 101,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Translation Server English to/from Italian Processor Value Unit (PVU) Monthly License                                                                  | D1930LL | 101,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Translation Server English to/from Japanese Processor Value Unit (PVU) Monthly License                                                                 | D1933LL | 101,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Translation Server English to/from Korean Processor Value Unit (PVU) Monthly License                                                                   | D1936LL | 101,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Translation Server English to/from Simplified Chinese Processor Value Unit (PVU) Monthly License                                                       | D1934LL | 101,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Translation Server English to/from Spanish Processor Value Unit (PVU) Monthly License                                                                  | D1932LL | 101,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Translation Server English to/from Traditional Chinese Processor Value Unit (PVU) Monthly License                                                      | D1935LL | 101,89 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Applications Authorized User for zEnterprise BladeCenter Extension SW Subscription & Support Reinstatement 12 Months | D0NT2LL | 101,83 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (1-100) Advanced Support Subscription License                                                                             | Z07HSZX | 101,58 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Data Replication Processor Value Unit (PVU) Subscription License                                                                                                 | D04QIZX | 101,58 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Applications Authorized User SW Subscription & Support Reinstatement 12 Months                                       | D0L54LL | 101,58 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Server Premium for Non-Production Environment Processor Value Unit (PVU) Monthly License                                                         | D17TFLL | 101,58 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Voice Agent with Watson maximum capacity Concurrent Connection Pay                                                                                               | D1YM3LL | 101,33 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Plus 1000 Queries Pay per Use                                                                                                                   | D04XRZX | 101,33 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution Starter Edition for JD Edwards Applications Processor Value Unit (PVU) Annual SW Subscription & Support Renewal   | E07LVLL | 101,29 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Records Foundation Content Collector Edition Authorized User Value Unit Monthly License                                                               | D1D6TLL | 101,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QMF Analytics for Multiplatforms Processor Value Unit (PVU) Monthly License                                                                                      | D1U0CLL | 101,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Instana Observability Self-Hosted Managed Virtual Server Advanced Support Subscription License                                                                   | Z29RTL  | 100,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect Extended Edition 10 Processor Value Units (PVUs) Annual SW Subscription & Support Renewal                                                        | E0LWGLL | 100,46 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Modernization Authorized User Subscription License                                                                                                            | D03F8ZX | 100,33 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Modernization Reserved Authorized User Subscription License                                                                                                   | D09J5ZX | 100,33 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Collaboration and Deployment Services for Non-Production Environment Processor Value Unit (PVU) Monthly License                                                                  | D17PZLL | 100,02 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 Merge Backup Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                                                  | E0AHULL | 99,96  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Informix Express Edition CPU Option Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                               | E022LLL | 99,96  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Suite Prepaid Usage 1000 Virtual Processor Core-Ins-Hrs Initial Fix Term LIC+S&S 12 MO                                                                                   | D21C9LL | 99,96  | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog Manager for Customers Entity ID Advanced Support per Month                                                                       | E0E82ZX | 99,80  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Account Hub - Advanced Edition for Non-Financial Services Resource Value Unit Monthly License                                                                          | D19D3LL | 99,71  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Individual Hub - Advanced Edition for Non-Financial Services Resource Value Unit Monthly License                                                                       | D19DALL | 99,71  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for zOS per Value Unit (MSU) Advanced Support Subscription License                                                                                  | Z29AJLL | 99,71  | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Standard Edition Non-Production Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                         | E0M59LL | 99,71  | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition for Non-Production Environment from Standard Non-Production Processor Value Unit (PVU) Trade Up License + SW Subscription & Support 12 Months | D0J41LL | 99,71  | Upgrade com Manutenção    |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors Saas - 2,350 SQM Item Overage                                                                                                               | D04LBZX | 99,49  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors Saas - 25,000 SQ FT Item Overage                                                                                                            | D04LDZX | 99,49  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors Saas for US Federal - 2,350 SQM Item Overage                                                                                                | D0BYEZX | 99,49  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors Saas for US Federal - 25,000 SQ FT Item Overage                                                                                             | D0BYGZX | 99,49  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Financial Standard Edition Connection Monthly License                                                                                                           | D183WLL | 99,39  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Assure 100 Connections Advanced Support 12 Months                                                                                                                   | E0DWWZX | 99,24  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Standard 100 Connections Advanced Support 12 Months                                                                                                          | E0DVGZX | 99,24  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Automation for Cloud Pak for Watson AIOps Virtual Processor Core Extended Support Subscription License                                                                      | X05K9ZX | 99,08  | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Case Manager Archival Storage Add-On Terabyte Advanced Support per Month                                                                                                                  | E0FYAZX | 98,87  | Saas                      |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Foundation Archival Storage Add-On Terabyte Advanced Support per Month                                                                                 | E0FXIZX | 98,87 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager Enterprise Edition Archival Storage Add-On Terabyte Advanced Support per Month                                                                 | E0FZ3ZX | 98,87 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Content Manager OnDemand Archival Storage Add-On Terabyte Advanced Support per Month                                                                           | E0FYKZX | 98,87 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Microsoft Office Authorized User Value Unit Annual SW Subscription & Support Renewal                                      | E0JEZLL | 98,84 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Permanent Redaction Authorized User Value Unit Annual SW Subscription & Support Renewal 12 Months                         | E0LPZLL | 98,84 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Snapshot per Terabyte 251+ Monthly Licence                                                                                                 | D1ILXLL | 98,70 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Availability - Db2 Warehouse Virtual Processor Core Advanced Support Subscription License                                             | Z04QXZX | 97,51 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Suite AppPoint Advanced Support Subscription License                                                                      | Z05KSZX | 97,20 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Network Performance Management Managed Device SUBSCRIPTION LICENSE                                                                                  | D08PSZX | 97,20 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Ceph Premium Edition Terabyte Monthly License                                                                                                      | D0CYWZX | 97,20 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Advanced Agile Discovery Managed Device SW Subscription and Support Renewal 12 Months                                                                      | E0R52LL | 97,01 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps - Network Configuration Manager Managed Device SW Subscription and Support Renewal 12 Months                                    | E0R39LL | 97,01 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Spatial Integration Adapter for WebSphere Studio Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                       | E024FLL | 97,01 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Enterprise Server Edition for Non-Production Environments Processor Value Unit (PVU) Monthly License                                                   | D1TIVLL | 96,92 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Analyzer for Non-Production Environments Processor Value Unit (PVU) Monthly License                                                 | D1D0BLL | 96,92 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Analyzer Workgroup Edition Processor Value Unit (PVU) Monthly License                                                               | D19I8LL | 96,92 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Monitoring for Virtual Environments Agent for Cisco UCS Monitoring for Virtual Environments Agent for Cisco UCS Resource Value Unit Monthly License | D18NYLL | 96,92 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors - 2,350 SQM Per Item Monthly License                                                                             | D29PBLL | 96,92 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors - 25,000 SQ FT Per Item Monthly License                                                                          | D29P5LL | 96,92 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Front End Terabyte (2001+) Advanced Support Subscription License                                                                   | Z2A2XLL | 96,88 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (751-1250) Advanced Support Subscription License                                                                            | Z0CZ4ZX | 96,88 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Content Manager OnDemand Full Text Search Processor Value Unit (PVU) SUBSCRIPTION LICENSE                                                                  | D07VNZX | 96,55 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Call Center-Standard Edition-Base Authorized User Advanced Support per                                                                                     | E0DY4ZX | 96,07 | Saas                     |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex (TRIRIGA) Occasional Enterprise User Additional Capacity Add-On Authorized User Pay per Use                | D1QHNLL | 96,07 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex for US Federal (TRIRIGA) Occasional Enterprise User Additional Capacity Add-On Authorized User Pay per Use | D1R5XLL | 96,07 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Life Sciences Add-On Saas Flex Limited Use Authorized User Subscription per Month                                                                   | D1V1RLL | 96,07 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Linear Asset Manager Add-on Saas Flex Authorized User Subscription per Month                                                                        | D1UJGLL | 96,07 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Advanced Recovery Feature Processor Value Unit (PVU) Monthly License                                                                                       | D199FLL | 95,95 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Archive Enterprise Edition - Archive File Access Processor Value Unit (PVU) Annual SW S&S Rnwl                                                | E0D9FZX | 95,95 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Entry per Terabyte (1-100) Advanced Support Subscription License                                                                         | Z2A2DLL | 95,95 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Add-on to IBM Sterling B2B Integrator Standard Edition Processor Value Unit (PVU) Monthly License                                        | D183MLL | 95,62 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Data Retention Terabyte (251+) Monthly License                                                                                             | D1IRBLL | 95,62 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Plus 10 Managed Virtual Servers Extended Support Subscription License                                                                          | X07QTZX | 95,62 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Plus Capacity Terabyte Extended Support Subscription License                                                                                   | X07QUZX | 95,62 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Basic Edition Processor Value Unit (PVU) Monthly                                                                                       | D182DLL | 95,31 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Advanced for Non Production Processor Value Unit (PVU) Monthly License                                                                 | D1L44LL | 95,31 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose for JanusGraph Gigabyte Month Pay Per Use                                                                                                              | D1TRYLL | 95,25 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose for MongoDB for IBM Cloud Gigabyte-Month Pay Per Use                                                                                                   | D1Q2HLL | 95,25 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose for MySQL for IBM Cloud Gigabyte Month Pay Per Use                                                                                                     | D1RV5LL | 95,25 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose for RethinkDB for IBM Cloud Gigabyte-Month Pay Per Use                                                                                                 | D1Q2RLL | 95,25 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose for ScyllaDB for IBM Cloud Gigabyte Month Pay Per Use                                                                                                  | D1RV7LL | 95,25 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Control Center Monitor for Transformation Extender Advanced Non-Production Environment Processor Value Unit Annual SW Subscription & Support Renewal 12 Months | E0NXQLL | 94,87 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Express Server Edition Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                            | D1CCFLL | 94,87 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Db2 PMO for Db2 ESE for Non-Production Environments Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                              | E0NQQLL | 94,87 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Video Logistics Manager Premium Transcoding Hour Overage                                                                                                 | D1PXGLL | 94,82 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex Performance for AWS Paygo Instance-Hour Pay per Use                                                                                | D01M6ZX | 94,74 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex Performance Instance Hour Pay Per Use                                                                                              | D1WKLLL | 94,74 | Saas                     |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Premium Availability for Additional Process Environment Concurrent User Advanced Support per Month     | E0E1TZX | 94,52 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Workflow Express for Non-Production Environment Processor Value Unit (PVU) Monthly License                           | D200ULL | 94,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module Non-Production per Processor Value Unit MONTHLY LICENSE            | D1GTPLL | 94,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Security Guardium Vulnerability Assessment for Databases per Resource Value Unit Advanced Support Subscription License                       | Z299HLL | 94,06 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Symphony Desktop Harvesting Client Device Subscription License                                                                  | D28GCLL | 94,05 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Systems - Middleware Unified Messaging for Blueworx Voice Response Mailbox SW Support 12 Months                                          | D1QPYLL | 93,97 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli System Automation High Availability Policies for SAP Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D0G6LLL | 93,97 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender on DataPower (Virtual) Processor Value Unit Monthly License                                             | D0BP8ZX | 93,75 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Cartridge for IBM Cloud Pak for Data Reserved Authorized User Subscription License                               | D09J9ZX | 93,44 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Cartridge for IBM Cloud Pak for Data Authorized User Subscription License                                        | D03INZX | 93,32 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Business per User 3rd Party per Month                                                                                                    | D1N94LL | 93,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Professional on Cloud Additional Flows Instance Advanced Support per Month                                                   | E0DXEZX | 93,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Targetprocess Connected User Connected User per Month                                                                             | D0GWVZX | 93,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Professional (Saas) Authorized User per Month                                                                                    | D1DKFLL | 93,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Test Workbench BitBar device add-on Item per Month                                                                              | D01HEZX | 93,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Resource-DCS-WorldWide Fax Line Connection Advanced Support per Month                                | E0EBGZX | 93,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterl Catalog And Transaction Manager for Trading Partners Instance Advanced Support per Month       | E0E7VZX | 93,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Wandera Mobile Security & Policy for IBM MaaS360 per Authorized User Subscription per Month 3rd party Offering                               | D21V2LL | 93,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Engagement - Standard Perils Add-On Thousand Registrations Overage                                                | D1RDMLL | 93,27 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Worker Safety - US and Canada SMS Add-On Hundred Registrations Overage                                            | D1RE7LL | 93,27 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Lifecycle User Value Unit Annual SW Subscription & Support Renewal                                            | E0KIKLL | 93,00 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Directory Enterprise Edition Non-Production Processor Value Unit (PVU) Monthly License                                   | D1K0HLL | 92,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Modernization Reserved Authorized User Advanced Support Subscription License                                   | Z09J1ZX | 92,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Functions Gigabyte-Second Pay Per Use                                                                                              | D1RU4LL | 92,72 | Saas                      |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IBM InfoSphere MDM Organization Hub - Standard Ed for Non-Fin Svcs Resource Value Unit Monthly License                                                                                      | D1D1KLL | 92,61 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Custom Domain Hub - Standard Edition for Non-Financial Services Resource Value Unit Monthly License                                                                          | D19CSLL | 92,61 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | Motio CI Testing Environment Authorized User Subscription License                                                                                                                               | D29L7LL | 92,40 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Calibration Add-on Saas Flex Authorized User Overage                                                                                                                             | D1UJ9LL | 92,34 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Spatial Asset Management Add-on Saas Flex Authorized User Overage                                                                                                                | D1UJLLL | 92,34 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Email Employee User Value Unit Annual SW Subscription & Support Renewal                                                                                               | E06KSLL | 92,17 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Microsoft SharePoint Employee User Value Unit Annual SW Subscription & Support Renewal                                                                                | E07QQLL | 92,17 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Standard for Symphony Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                                   | E02YFZX | 92,17 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataPower Gateway Virtual Enterprise - Nonproduction Edition Processor Value Unit Monthly License                                                                                           | D29NGLL | 91,53 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard for Non-Prod Container Edition Resource Value Unit Subscription License                                                                        | D0854ZX | 91,47 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication VSAM for z/OS Remote Source Resource Value Unit Extended Support Subscription License                                                                                      | X04QPZX | 90,93 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (101-250) Advanced Support Subscription License                                                                                                      | Z07HPZX | 90,93 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Advanced Client Device Monthly License                                                                                                                        | D1954LL | 90,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database Client Device Monthly License                                                                                         | D1950LL | 90,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Business Service Manager for the Enterprise Tier 1 Resource Value Unit Monthly License                                                                                               | D18VILL | 90,61 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution Starter Edition for JD Edwards Applications Data Masking Option Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D0AP7LL | 90,60 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced Message Security Component High Availability Replica 10 Processor Value Units (PVUs) Annual SW Subscription & Support Renewal 12 Months                                         | E0DS0LL | 90,31 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Actiance Alcatraz All Channels Multi-tenant Authorized User 3rd Party per Month                                                                                                                 | D1JW0LL | 90,30 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer New Account Fraud for Retail 10 API Calls Advanced Support 12 Months                                                                                                               | E0DV6ZX | 89,54 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Analytics Content Hub Authorized User Subscription License                                                                                                                                  | D0D6DZX | 88,73 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                | D0J3FLL | 88,73 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Cognos Analytics User Reserved Authorized User Extended Support Subscription License                                                                                     | X09IZZX | 88,42 | Saas                     |



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|------|---|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------|---------|-------|------------|
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Application Suite per AppPoint Advanced Support Subscription License                    | Z28B4LL | 88,42 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Application Suite Reserved AppPoint Advanced Support Subscription License               | Z09K7ZX | 88,42 | Saas       |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Advanced Statistics Academic Concurrent User Extended Support Subscription Lic | X0F9DZX | 88,42 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Categories Academic Concurrent User Extended Support Subscription Lic          | X0F9UZX | 88,42 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Complex Samples Academic Concurrent User Extended Support Subscription Lic     | X0FA2ZX | 88,42 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Conjoint Academic Concurrent User Extended Support Subscription Lic            | X0FAAZX | 88,42 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Custom Tables Academic Concurrent User Extended Support Subscription Lic       | X0FAIZX | 88,42 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Decision Trees Academic Concurrent User Extended Support Subscription Lic      | X0FARZX | 88,42 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Direct Marketing Academic Concurrent User Extended Support Subscription Lic    | X0FAZZX | 88,42 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Exact Tests Academic Concurrent User Extended Support Subscription Lic         | X0FB7ZX | 88,42 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Forecasting Academic Concurrent User Extended Support Subscription Lic         | X0FBFZX | 88,42 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Missing Values Academic Concurrent User Extended Support Subscription Lic      | X0FBNZX | 88,42 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Neural Networks Academic Concurrent User Extended Support Subscription Lic     | X0FBWZX | 88,42 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Regression Academic Concurrent User Extended Support Subscription Lic          | X0FC4ZX | 88,42 | Assinatura |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Advanced Statistics Authorized User Extended Support Subscription                         | X29VMLL | 88,10 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Bootstrapping Authorized User Extended Support Subscription License                       | X0EPAZX | 88,10 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Complex Samples Authorized User Extended Support Subscription License                     | X0EL9ZX | 88,10 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Data Preparation Authorized User Extended Support Subscription License                    | X0EPEZX | 88,10 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Direct Marketing Authorized User Extended Support Subscription License                    | X0ELGZX | 88,10 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Forecasting Authorized User Extended Support Subscription License                         | X0EM7ZX | 88,10 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Missing Values Authorized User Extended Support Subscription License                      | X0ENBZX | 88,10 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Neural Networks Authorized User Extended Support Subscription License                     | X0ELTZX | 88,10 | Saas       |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM OS Image for AIX Systems Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                     | D0LWYLL | 87,58 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Explorer Cartridge for Cloud Pak for Data Authorized User Advanced Support Subscription License                                          | Z03HAZX | 87,48 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Controller Standard User per Authorized User Extended Support Subscription License                                                                 | X2A2QLL | 87,48 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Ceph Pro Edition Terabyte Monthly License                                                                                                         | D0DSKZX | 87,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Network Charges (1 Subnet with 8 Portable Public IPs) per Item Pay per Use                                                               | D1VLQLL | 87,14 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Compliance User Value Unit from Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months       | D1B4DLL | 86,92 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Gentran for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                       | E0BWLLL | 86,92 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Enterprise Edition Add-On Network Scanning Device Resource Value Unit Monthly License                                                             | D1JXELL | 86,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Enterprise Edition Add-On Occasional Authorized User Value Unit Monthly License                                                                   | D1JX7LL | 86,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Financial Standard Edition for Non-Production Environment Processor Value Unit (PVU) Monthly License                              | D182NLL | 86,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for MongoDB Gigabyte License Gigabyte-Month Pay per Use                                                                         | D0317ZX | 86,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Enterprise Planning TM1 Explorer Workspace Add-On Authorized User Monthly License                                                                  | D1RAILL | 86,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Object Storage System Terabyte Monthly License                                                                                                      | D1MSFLL | 86,15 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cognos Analytics Viewer Authorized User Subscription License                                                                                              | D28D0LL | 86,15 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | API Management on Cloud Advanced Portal Developers - Optional 25 Authorized User Advanced Support per Month                                                   | E0FZ0ZX | 86,12 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Agile Service Manager Managed Virtual Server License + SW Subscription & Support 12 Months                                     | D1TJALL | 86,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Session Scheduler Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                                                     | E02Z6ZX | 86,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment per Authorized User Software Service & Support Reinstatement 12 Months                     | D0V69LL | 86,08 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition for Non-Production Environment per Entity ID Subscription License                                    | D28ZYLL | 85,78 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Standard Edition Non-Production Resource Value Unit Subscription License                                              | D29PZLL | 85,78 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Web Application Pattern Processor Value Unit (PVU) Monthly License                                                                              | D196YLL | 85,59 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Child Welfare Case Management Business Intelligence and Analytics Add-on Professional Authorized User License + SW Subscription & Support 12 Months | D1NGSLL | 85,53 | Permanente com Manutenção |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM OpenPages Single-Function User Value Unit Annual SW Subscription & Support Renewal                                                                               | E0F8WLL | 85,53 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Premier Suite (Saas) Authorized User Overage                                                                                                             | D1P3ULL | 85,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataPower Gateway Virtual Edition for Non-Production Environments Processor Value Unit (PVU) Monthly License                                                     | D1CYHLL | 85,41 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition Processor Value Unit (PVU) Extended Support Subscription License                                                          | X07JPZX | 85,37 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Non-Production Processor Value Unit SW Subscription & Support Reinstatement 12 Months                                        | D26W8LL | 85,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server for Data Quality and Governance for Data Warehousing Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0IBCLL | 85,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Master Data Management Individual Hub Standard Edition Limited Use Resource Value Unit Annual SW Subscription & Support Renewal                       | E0JZ7LL | 85,28 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Server Standard Processor Value Unit (PVU) Monthly License                                                                                       | D17TCLL | 85,28 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                 | E025QLL | 85,28 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Agile Service Manager 10 Managed Client Devices Annual SW Subscription & Support Renewal 12 Months                                    | E0NP7LL | 85,03 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Privilege Server Suite On-Premises Standard Ed Non Prod Virtual Server Subscription License                                                      | D08QRZX | 84,66 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Process Manager Concurrent User Subscription License                                                                                                | D02ZSZX | 84,66 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Premium Campus Edition Academic Campus Value Unit Advanced Support Subscription Lic                                                              | Z0FCHZX | 84,66 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise 1B for IBM Cloud Hundred Thousand API Calls Pay Per Use                                                                                   | D1RJXLL | 84,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Hybrid Cloud DNS GSLB Standard Interaction per Month                                                                                                             | D0GZ0ZX | 84,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect RUM Traffic Steering Standard Interaction per Month                                                                                                  | D0GNQZX | 84,57 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Monitoring Add On for IBM Retail Store Server Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                       | D25P1LL | 84,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management Managed Virtual Server from NNM Combined Device Trdup Lic + SW S&S 12 Mo                                        | D15IWLL | 84,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight PA Network Management Managed Virtual Server from NNM Entry Device Trdup Lic + SW S&S 12 Mo                                           | D15IVLL | 84,47 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Databases Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                        | E0CQQLL | 84,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Databases Processor Value Unit for zEnterprise BladeCenter Extension Annual SW Subscription & Support Renewal        | E0DH2LL | 84,47 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Workload Automation 10 MONTHLY JOBS Annual SW Subscription & Support Renewal                                                                                     | E0DSYLL | 84,47 | Manutenção após Vigência  |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Sterling Secure Proxy Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0LFBLL | 84,20 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Campus Edition Academic Authorized User Advanced Support Subscription Lic                                      | Z0FC9ZX | 84,03 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Host Access Client Package for iSeries Authorized User Monthly License                                                                  | D1BEHLL | 83,99 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Add-on Ext User User Value Unit License + SW Subscription & Support 12 Months                      | D04JCLL | 82,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Ext User User Value Unit License + SW Subscription & Support 12 Months                                           | D04CILL | 82,99 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Non-Production Processor Value Unit (PVU) SW S&S REINSTATE 12 MO         | D08S3ZX | 82,99 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Reserved Authorized User Extended Support Subscription License               | X08LWZX | 82,77 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Financial Transaction Manager for z/OS Developer Edition per Concurrent User Monthly License                                            | D1Y86LL | 82,77 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Local TM1 Server Processor Value Unit (PVU) Monthly License                                                          | D17MELL | 82,77 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Standard Connection Monthly License                                                                               | D1842LL | 82,77 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition for Non-Production Environment per Entity ID Monthly License                     | D26T3LL | 82,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition for Non-Production Resource Value Unit Monthly License                           | D29PTLL | 82,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Monitoring and Support for Java Server Virtual Processor Core Monthly License                                                           | D223ULL | 82,15 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Secure Proxy Processor Value Unit (PVU) Monthly License                                                                        | D1827LL | 81,83 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Enterprise RAM Gigabyte-Month Pay per Use                                                             | D0DH2ZX | 81,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud DevOps Insights Standard Per Application Pay Per Use                                                                              | D20LILL | 81,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud DevOps Insights Standard per Item Pay Per Use                                                                                     | D21AALL | 81,82 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Notifications SMS Unit Thousand Outbound Digital Message Pay per Use                                                        | D0842ZX | 81,82 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Citizen Engagement per Resource Value Unit License + SW Subscription & Support 12 Months                                          | D1R1DLL | 81,58 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Data Masking Option Processor Value Unit (PVU) Annual SW S&S Rnwl                                 | E06LMLL | 81,58 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                             | E0BXLLL | 81,58 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (501-750) Extended Support Subscription License                                                  | X07HUZX | 81,52 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Server Premium for Non-Production Environment Processor Value Unit (PVU) SUBSCRIPTION LICENSE                           | D0884ZX | 81,48 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 3 Disaster Recovery Reserved SL 100 Resource Unit Advanced Support Subscription License                      | Z080HZX | 81,21 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite Software Disaster Recovery Reserved 100 Resource Unit Advanced Support Subscription License                                                     | Z0AIFZX | 81,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Automation Content Services on Cloud Additional NPE ER AO Concurrent User Advanced Support per Month                                                         | E0FE7ZX | 81,14 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Workgroup Server Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                          | E0KT2LL | 81,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Workgroup Server Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                     | E0KTALL | 81,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Workgroup Server Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                          | E0KSILL | 81,02 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition for Non-Production Environment Processor Value Unit (PVU) Initial Fixed Term License + SW Subscription & Support 12 Months    | D0IYQLL | 81,02 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition for Non-Production Environment Processor Value Unit (PVU) Subsequent Fixed Term License + SW Subscription & Support 12 Months | E0BVHLL | 81,02 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 3 Disaster Recovery 100 Resource Unit Advanced Support Subscription License                                                                | Z05MJZX | 80,90 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Planning Analytics Express TM1 User Authorized User Extended Support Subscription Lic                                                                                 | X0HU3ZX | 80,90 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite Software Disaster Recovery 100 Resource Unit Advanced Support Subscription License                                                              | Z0AELZX | 80,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors Saas - 2,350 SQM Item Subscription per Month                                                                                | D04LAZX | 80,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors Saas - 25,000 SQ FT Item Subscription per Month                                                                             | D04LCZX | 80,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors Saas for US Federal - 2,350 SQM Item per Month                                                                              | D0BYDZX | 80,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Connector for Esri ArcGIS Indoors Saas for US Federal - 25,000 SQ FT Item per Month                                                                           | D0BYFZX | 80,84 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (251-500) Advanced Support Subscription License                                                                                | Z07HVZX | 80,57 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand for i PDF Indexer Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                               | D0CKELL | 80,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand PDF Indexer Multiplatforms Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                      | D55HILL | 80,51 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Inventory Processor Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                                | E0RBSLL | 80,51 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Express Edition User Option Authorized User Single Install Monthly License                                                                                   | D19Q7LL | 80,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for B2B Integrator and Sterling File Gateway Enterprise Processor Value Unit (PVU) Monthly License 12 Months                          | D1FRALL | 80,40 | Saas                      |

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| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Performance Management Managed Client Device SW S&S REINSTATE 12 MO                                            | D08PYZX | 80,26 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Amos Campus Edition Concurrent User Advanced Support Subscription Lic                                         | Z0FCWZX | 80,26 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect DDoS Overage Protection Request per Month                                                                         | D0GN5ZX | 80,22 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect DNS Insights Request per Month                                                                                    | D0GN6ZX | 80,22 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect NXD Waiver Request per Month                                                                                      | D0GNMZX | 80,22 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Compliance User Value Unit Annual SW Subscription & Support Renewal 12 Months                      | E0KIYLL | 80,20 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Block Storage for AWS Paygo 10 Terabyte-Hours Pay per Use                                              | D0G3XZX | 80,05 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS Processor Value Unit (PVU) Monthly License                  | D08UWZX | 80,04 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ for HPE Virtualized NonStop Processor Value Unit (PVU) Monthly License                                                     | D08NEZX | 79,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloud AGILE PLANNING AND TRACKING APPLICATION-USER PAY PER USE                                                                    | D15VBLL | 79,54 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security Gen 2 Disaster Recovery Reserved 100 Managed Virtual Servers Advanced Support Subscription License     | Z09ITZX | 79,32 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM COBOL Runtime Environment for AIX Processor Value Unit Monthly License                                                        | D1HGZLL | 79,32 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Amos Authorized User Advanced Support Subscription License                                                               | Z283JLL | 79,32 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud M365 eDiscovery Authorized User per Annum                                                           | D0CWZZX | 79,20 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Control Desk Service Provider Edition Authorized User Extended Support Subscription License                                   | X07FWZX | 79,01 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM TRIRIGA Application Suite AppPoint Extended Support Subscription Licence                                                      | X07ZFZX | 79,01 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM TRIRIGA Application Suite Reserved AppPoint Extended Support Subscription Licence                                             | X0CTEXX | 79,01 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect 100 Eligible Participant Advanced Support per Month                                                    | E0GE3ZX | 78,98 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Video Logistics Manager Premium Transcoding Hour per Month                                                              | D1PXFLL | 78,98 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted User Authorized User Advanced Support per Month                                              | E0FT0ZX | 78,98 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Base Saas Data Storage 100 Gigabytes Advanced Support per Month                              | E0E6IZX | 78,98 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas Data Storage 100 Gigabytes Advanced Support per Month                          | E0E6NZX | 78,98 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Enterprise Server Edition Authorized User Single Install Monthly License      | D1CX6LL | 78,97 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Enterprise Server Edition Authorized User Single Install Monthly License | D1CXBLL | 78,97 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Encryption Offering for DB2 Enterprise Server Edition Authorized User Single Install Monthly License                      | D1CWHLL | 78,97 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ for HPE NonStop Processor Value Unit (PVU) Monthly License                                                                 | D192VLL | 78,97 | Saas                     |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson AIOps Resource Unit Monthly License                                                                                       | D28TBLL | 78,97 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Enterprise Resource Planning 10 Processor Value Units (PVUs) Monthly License                                 | D1IRELL | 78,61 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Robotic Process Automation with Automation Anywhere Bot Insight Authorized User Advanced Support Subscription License            | Z267LLL | 78,39 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics Engine Serverless Plan 100 Virtual Processor Core-Hours Pay per Use                                                    | D07TVZX | 78,02 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Verification Engine Professional Authorized User Annual SW Subscription & Support Renewal                                  | E0ECSLL | 77,82 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Server Professional Processor Value Unit Subscription License Upgrade                                            | D0ERNZX | 77,76 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Store Edition Small Certified Container Resource Value Unit Advanced Support Subscription License | Z28LTLL | 77,76 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Premier Suite (Saas) Authorized User per Month                                                                           | D1P3TLL | 77,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics GradPack Subscription Per Authorized User Per Month                                                              | D2234LL | 77,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Engagement - Government Add-On Thousand Registrations Overage                                             | D1RDKLL | 77,73 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Worker Safety - Premium Perils Add-On Hundred Registrations Overage                                       | D1RE5LL | 77,73 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM App Connect Enterprise as a Service 3 Asset Advanced Support per Annum                                                           | E0G0AZX | 77,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Mitigation for Business Premium Support 10 Eligible Participants Advanced Support 12 Month                  | E0DUYZX | 77,64 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Actiance Alcatraz Single Channel Dedicated Authorized User 3rd Party per Month                                                       | D1JVZLL | 77,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect Virtual Servers Compute 100 Virtual Processor Core-Hours Pay per Use                                         | D04S7ZX | 77,44 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Ceph Premium Edition Terabyte Subscription License                                                                       | D0DKDZX | 77,44 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (2001+) Extended Support Subscription License                                                     | X0CZ6ZX | 77,44 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Business Intelligence and Analytics Professional Authorized User License + SW Subscription & Support 12 Months             | D0QQJLL | 77,31 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Universal Access Resource Value Unit License + SW Subscription & Support 12 Months                                         | D0QS9LL | 77,31 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (1251-2000) Advanced Support Subscription License                                                 | Z0CZ5ZX | 77,13 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn eInvoicing Archive Service 350 Documents Advanced Support per Month                          | E0EB8ZX | 77,10 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Calibration Add-on Saas Flex Authorized User Subscription per Month                                                   | D1UJ8LL | 76,80 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Spatial Asset Management Add-on Saas Flex per Authorized User Subscription per Month                                  | D1UJKLL | 76,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Wazi Image Builder Authorized User Single Session SW Subscription & Support Reinstatement 12 Months                              | D0BEFZX | 76,75 | Manutenção após Vigência  |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Network Automation Reserved Resource Unit Extended Support Subscription License                                                                                      | X09JJZX | 76,50 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Network Automation Resource Unit Extended Support Subscription Licence 12 Months                                                                                     | X0542ZX | 76,50 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Saas for US Federal Authorized User Advanced Support per Month                                                                         | E0EFIZX | 76,49 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ High Availability Replica Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                          | D0GGSLL | 76,25 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Db2 for z/OS Remote Source Resource Value Unit Extended Support Subscription License                                                                              | X04QKZX | 76,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | API Management on Cloud Storage - Optional Gigabyte Advanced Support per Month                                                                                                         | E0FZ2ZX | 75,86 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Workload Scheduler Tivoli Management Point Annual SW Subscription & Support Renewal 12 Months                                                                                      | E16I4LL | 75,67 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module per User Value Unit SW Subscription & Support Reinstatement 12 Months                                        | D1GTNLL | 75,57 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations Center for Emergency Management Consumer User on Cloud Thousand Eligible Participant Overage                                                                | D1JETLL | 75,56 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Premium Availability for Additional Process Environment Authorized User Advanced Support per Month                                               | E0G89ZX | 75,55 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (1-12) Extended Support Subscription License                                                                                           | X07NTZX | 75,25 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for B2B Integrator Basic and Standard for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0LEVLL | 75,10 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition per Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                             | E08L9LL | 75,10 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database per Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                      | E08L7LL | 75,10 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IS Optim Dt Growth Sol St Ed JD Edwards Ent Ed A 10 PVU Annual SW S&S Rnwl                                                                                                             | E076MZX | 75,10 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IS Optim Dt Growth Sol St Ed JD Edwards Ent Ed A 10 PVU Annual SW S&S Rnwl                                                                                                             | E076RZX | 75,10 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender on DataPower (Virtual) Processor Value Unit Subscription License                                                                                  | D0BP9ZX | 74,94 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap High Speed Scanning Add on Authorized User Value Unit Monthly License                                                                                                      | D061FZX | 74,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Int Network-AddOn-Resource-DCS-North America Fax Line Advanced Support per Month                                                                                      | E0EBFZX | 74,62 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Water Operations for Waternomics Consumer User on Cloud 1000 Eligible Participant Per Month                                                                                        | D007AZX | 74,62 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Engagement - Standard Perils Add-On Thousand Registrations per Month                                                                                        | D1RDLLL | 74,62 | Saas                     |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Worker Safety - US and Canada SMS Add-On Hundred Registrations per Month                                         | D1RE6LL | 74,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Management add-on for Alert Notification Thousand Digital Messages Advanced Support per Month                               | E0DYRZX | 74,31 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Encryption File Agent Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                        | E0EBPLL | 74,30 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Automation for Cloud Pak for Watson AIOps Virtual Processor Core Advanced Support Subscription License                        | Z05K9ZX | 74,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Operations Management Managed Virtual Network Device Monthly License                                         | D1CH8LL | 74,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Monitoring Agent Builder/OS Agentless Monitoring Resource Value Unit Monthly License                                             | D18NJLL | 74,30 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Managed file Transfer Service Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                          | E0LNELL | 74,12 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment Processor Value Unit (PVU) License + SW Subscription & Support 12 Months | D0J3CLL | 73,80 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CICS Transaction Gateway Desktop Edition Authorized User Monthly License                                                                | D1960LL | 73,68 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud App Management Extension Pack Managed Container Annual SW Subscription & Support Renewal 12 Months                                | E0Q3NLL | 73,51 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Modernization Authorized User Subscription License Upgrade                                                      | D03F7ZX | 73,37 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Non-Production Authorized User Annual SW Subscription & Support Renewal 12 Months                   | E0QQCLL | 72,49 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Video Logistics Manager Comcast Unified Workflow Asset Distribution Item Overage                                                  | D1UDQLL | 72,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Express Authorized User per Month                                                                              | D02BFZX | 72,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Video Streaming Channel Item Overage                                                                                                    | D1Q8WLL | 72,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Water Operations for Waternamics Consumer User on Cloud 1000 Eligible Participant Overage                                               | D007BZX | 72,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Standard Edition for Non-Production Environment Processor Value Unit (PVU) Monthly License                      | D1830LL | 72,43 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Find Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                          | E0AHZLL | 71,99 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Plus 10 Managed Virtual Servers Advanced Support Subscription License                                                   | Z07QTZX | 71,80 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Plus Capacity Terabyte Advanced Support Subscription License                                                            | Z07QUZX | 71,80 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Services Director for Non-Production Environments Processor Value Unit (PVU) Monthly License                     | D19FYLL | 71,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli ITCAM for Microsoft Applications Entry Server Monthly License                                                                    | D18QMLL | 71,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Archive Viewer Processor Value Unit (PVU) Monthly License                                                              | D0D2MZX | 71,17 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IBM InfoSphere Information Services Director Workgroup Edition Processor Value Unit (PVU) Monthly License                       | D19IGLL | 71,07 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition per User Value Unit Annual SW Subscription & Support Renewal                             | E0LM4LL | 71,06 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Plus 100 MAU Active User Pay per Use                                                                           | D04X4ZX | 70,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat Enterprise Linux on IBM Cloud VSIs More Than 4 vCPUs 100 Instance-Hours Pay per Use                                         | D01T5ZX | 70,93 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Server Standard Processor Value Unit Subscription License                                                       | D0EH7ZX | 70,86 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Automated Network Observability Managed device Subscription License Upgrade                                              | D0GGQZX | 70,54 | Upgrade                  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Non-Production Authorized User Annual SW S&S Rnwl                | E08S8ZX | 70,36 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Session Scheduler Resource Value Unit SW Subscription & Support Reinstatement 12 Months                            | D02ZBZX | 70,36 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Control Desk Internal Service Provider Edition Concurrent User Extended Support Subscription License                            | X07FTZX | 70,23 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Mitigation for Retail Premium Support 100 Eligible Participant Advanced Support 12 Months                  | E0DV5ZX | 70,20 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere DataStage Workgroup Edition for Non Production Environments Processor Value Unit (PVU) Monthly License               | D19I2LL | 70,13 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Instana Observability Managed Virtual Server Advanced Support per Month                                                         | E0EG8ZX | 69,95 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations for Water Consumer User on IBM SmartCloud 1000 Eligible Participant per Month                            | D0V9XLL | 69,95 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Customer Transaction Manager Entity ID Advanced Support per Month                  | E0E85ZX | 69,95 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Supplier Transaction Manager Entity ID Advanced Support per Month                  | E0E86ZX | 69,95 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Web Forms Entity ID Advanced Support per Month                                                                                      | E0EDBZX | 69,95 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Ceph Pro Edition Terabyte Subscription License                                                                          | D0DSLZX | 69,92 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Key Lifecycle Manager for Usable Terabyte Storage Resource Value Unit Monthly License                         | D20L8LL | 69,64 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Operations Management PA Managed Virtual Server Annual SW S&S Rnwl                                   | E0J97LL | 69,54 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender for Non Production Processor Value Unit (PVU) Monthly License                                           | D1L3QLL | 69,35 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Pack for Financial Payments Processor Value Unit (PVU) Monthly License                                  | D1L5DLL | 69,35 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Pack for Healthcare Processor Value Unit (PVU) Monthly License                                          | D1L4CLL | 69,35 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Flex for US Federal Occasional Enterprise User Authorized User Overage | D1UMCLL | 69,03 | Saas                     |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Flex Occasional Enterprise User Authorized User Overage                | D1UM6LL | 69,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex for US Federal Occasional Enterprise User (TRIRIGA) Authorized User Overage | D1R5VLL | 69,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex Occasional Enterprise User (TRIRIGA) Authorized User Overage                | D1QHLL  | 69,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Datacap Rulerunner Enterprise Processor Value Unit (PVU) Monthly License                                                        | D1FWLL  | 68,98 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow Feed Subscription License                                                          | D0BIZZ  | 68,98 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Server Professional for Non-Production Environment Processor Value Unit (PVU) Monthly License                   | D17TML  | 68,98 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose for JanusGraph Engine 256 Megatybe-Month Pay Per Use                                                                    | D1UPNLL | 68,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose for Redis for IBM Cloud 256 Megatybe-Month Pay Per Use                                                                  | D1Q2PLL | 68,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud, RAM Flex Paygo Gigabyte Pay Per Use                                                                               | D1SUALL | 68,90 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | Cloud Object Storage System - FIPS Enabled Terabyte Subscription License                                                            | D0A4EZ  | 68,67 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Daeja ViewONE Virtual Authorized User Value Unit Monthly License                                                                | D1FZKLL | 68,67 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for NAS per Authorized User Annual SW Subscription & Support Renewal 12 Months                | E0P8RLL | 68,63 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Deluxe Suite (Saas) Authorized User Overage                                                                             | D1P3PLL | 68,40 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication VSAM for z/OS Remote Source Resource Value Unit Advanced Support Subscription License                          | Z04QPZX | 68,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations Center for Emergency Management Consumer User on Cloud Thousand Eligible Participant per Month           | D1JESLL | 68,36 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution for Oracle Appl - Archive File Access Processor Value Unit (PVU) LIC + SW S&S 12 MO       | D077CZX | 68,34 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Spatial Asset Management Authorized User Monthly License                                                                 | D18S0LL | 68,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Add-on to IBM Sterling B2B Integrator Standard Edition Connection Monthly License                         | D183JLL | 68,03 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | API Management on Cloud Developers 25 Authorized User Advanced Support per Month                                                    | E0FZ1ZX | 67,78 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition for Non-Production Environment per Entity ID Subscription License        | D28M0LL | 67,78 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (751-1250) Extended Support Subscription License                                         | X07HRZX | 67,72 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Workgroup Server Edition Authorized User Single Install Monthly License         | D1CX8LL | 67,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Workgroup Server Edition Authorized User Single Install Monthly License    | D1CXDLL | 67,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Encryption Offering for DB2 Workgroup Server Edition Authorized User Single Install Monthly License                         | D1CWRL  | 67,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Modernization Authorized User Extended Support Subscription Lic                                           | X03EJZX | 67,41 | Saas                      |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------|----------|-------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication Processor Value Unit (PVU) Monthly License                                                          | D1D21LL  | 67,34 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Appeals Professional Authorized User Annual SW Subscription & Support Renewal                                             | E0E64LL  | 67,16 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Network Management PA Managed Virtual Server SW S&S Reinstate 12 Mo                                  | D15IUULL | 67,12 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Non-Production Environments Per Processor Value Unit (PVU) Monthly License                                 | D1RB4LL  | 67,10 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Maximo Anywhere Add-on Authorized User Extended Support Subscription License                                                    | X07G3ZX  | 67,10 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AIOps Insights Base Managed Virtual Server Overage                                                                              | D0ERYZX  | 66,85 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand PDF Indexer Processor Value Unit (PVU) from Competitor Competitive Trade Up License + SW S&S 12 Months | D0IQRL   | 66,83 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CICS Transaction Gateway Processor Value Unit (PVU) Monthly License                                                             | D193LLL  | 66,47 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Cognos Analytics User Reserved Authorized User Advanced Support Subscription License                         | Z09IZZ   | 66,47 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Advanced Statistics Academic Concurrent User Advanced Support Subscription Lic                                  | Z0F9DZX  | 66,47 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Categories Academic Concurrent User Advanced Support Subscription Lic                                           | Z0F9UZX  | 66,47 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Complex Samples Academic Concurrent User Advanced Support Subscription Lic                                      | Z0FA2ZX  | 66,47 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Conjoint Academic Concurrent User Advanced Support Subscription Lic                                             | Z0FAAZ   | 66,47 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Custom Tables Academic Concurrent User Advanced Support Subscription Lic                                        | Z0FAIZ   | 66,47 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Decision Trees Academic Concurrent User Advanced Support Subscription Lic                                       | Z0FARZX  | 66,47 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Direct Marketing Academic Concurrent User Advanced Support Subscription Lic                                     | Z0FAZZ   | 66,47 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Exact Tests Academic Concurrent User Advanced Support Subscription Lic                                          | Z0FB7ZX  | 66,47 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Forecasting Academic Concurrent User Advanced Support Subscription Lic                                          | Z0FBFZX  | 66,47 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Missing Values Academic Concurrent User Advanced Support Subscription Lic                                       | Z0FBNZX  | 66,47 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Neural Networks Academic Concurrent User Advanced Support Subscription Lic                                      | Z0FBWZX  | 66,47 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Regression Academic Concurrent User Advanced Support Subscription Lic                                           | Z0FC4ZX  | 66,47 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Defender as a service Resource Unit per Month                                                                           | D0EVJZX  | 66,47 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Defender Resource Unit Subscription License                                                                             | D0EX5ZX  | 66,47 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Voice Gateway 1000 Thousand Monthly Minutes Extended Support SL                                                                     | X07CAZX  | 66,47 | Saas                     |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Hypervisor Edition for AIX for Non-Production Environments - AIX License Required for Revenue Splitting Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months | D111ZLL | 66,35 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Product Hub - Standard Edition for Non-Financial Services Resource Value Unit Monthly License                                                                                                                  | D19CYLL | 66,33 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Achiving Adapter for InfoSphere Optim Data Growth Solution Authorized User Monthly License                                                                                                                             | D19JCLL | 66,16 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Advanced Statistics Authorized User Advanced Support Subscription                                                                                                                                                        | Z29VMLL | 66,16 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Bootstrapping Authorized User Advanced Support Subscription License                                                                                                                                                      | Z0EPAZX | 66,16 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Complex Samples Authorized User Advanced Support Subscription License                                                                                                                                                    | Z0EL9ZX | 66,16 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Data Preparation Authorized User Advanced Support Subscription License                                                                                                                                                   | Z0EPEZX | 66,16 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Direct Marketing Authorized User Advanced Support Subscription License                                                                                                                                                   | Z0ELGZX | 66,16 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Forecasting Authorized User Advanced Support Subscription License                                                                                                                                                        | Z0EM7ZX | 66,16 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Missing Values Authorized User Advanced Support Subscription License                                                                                                                                                     | Z0ENBZX | 66,16 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Neural Networks Authorized User Advanced Support Subscription License                                                                                                                                                    | Z0ELTZX | 66,16 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Video Logistics Manager Comcast Unified Workflow Asset Distribution Item per Month                                                                                                                                      | D1UDPLL | 65,91 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Standard Authorized User per Month                                                                                                                                                                  | D20ENLL | 65,91 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Partner Engagement Manager Essentials Edition for Non-Production Resource Value Unit Subscription License                                                                                                            | D29PXLL | 65,91 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum Protect for Workstations - Starter Edition Client Device Annual SW Subscription & Support Renewal                                                                                                                    | E0LVYLL | 65,85 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Workflow Management Contributor Saas Authorized User Advanced Support per Month                                                                                                                                   | E0EFBZX | 65,60 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Monitoring and Support for Java Server Virtual Processor Core Subscription License                                                                                                                                            | D0GGBZX | 65,52 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak System Software Processor Value Unit (PVU) Monthly License                                                                                                                                                          | D19LELL | 65,36 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                   | D0EKWLL | 65,33 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Categories Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                            | D0EKQLL | 65,33 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Complex Samples Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                                                                       | D0EKLLL | 65,33 | Manutenção após Vigência |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Conjoint Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                      | D0EKHLL | 65,33 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Custom Tables Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                 | D0EKDLL | 65,33 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Decision Trees Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                | D0EMQLL | 65,33 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months              | D0EMULL | 65,33 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Exact Tests Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                   | D0EQELL | 65,33 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Forecasting Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                   | D0EQMLL | 65,33 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Missing Values Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                | D0EQ6LL | 65,33 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Neural Networks Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months               | D0EPULL | 65,33 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Regression Server for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                    | D0EQTLL | 65,33 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud test environment Concurrent User Advanced Support per Month                                                                              | E0G86ZX | 65,30 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Microsoft Office Employee User Value Unit Annual SW Subscription & Support Renewal                 | E0LHELL | 65,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Permanent Redaction Employee User Value Unit Annual SW Subscription & Support Renewal 12 Months    | E0LQLLL | 65,27 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Manager On-Premises Non-Production for Client per Managed Client Device SW Subscription & Support Reinstatement 12 Months   | D05YJZX | 64,90 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Manager On-Premises Non-Production for Server per Managed Virtual Server Annual SW Subscription & Support Renewal 12 Months | E05YPZX | 64,90 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Code Engine 100 Virtual Processor Core-Hours Pay per Use                                                                                        | D04VDZX | 64,84 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Campus Edition Academic Campus Value Unit Extended Support Subscription Lic                                                  | X0FC6ZX | 64,59 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (13-32) Extended Support Subscription License                                                             | X07NQZX | 64,59 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management Patient Hub - Advanced Edition Limited Use Resource Value Unit Monthly License                                      | D1GNJLL | 64,27 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM CPLEX Optimizer Deployment Entry Edition Processor Value Unit (PVU) Monthly License                                                                   | D1803LL | 64,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere API Management Administration and Developer Portal for Non-Production Processor Value Unit (PVU) Monthly License                            | D197KLL | 64,19 | Saas                     |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Ext User User Value Unit SW Subscription & Support Reinstatement 12 Months       | D04K2LL | 64,10 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Monitoring and Support for Java Desktop Authorized User SW Subscription & Support Renewal                             | E0PSSLL | 64,10 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ for Non-Production Environment Processor Value Unit (PVU) Annual SW S&S Rnwl                                       | E0ETHZX | 63,96 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Base Campus Edition Academic Authorized User Extended Support Subscription Lic                        | X0F9IZX | 63,96 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Talent Frameworks Upgrade Employee Remotely Delivered Data Service                                                    | D0BLSZX | 63,96 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS Processor Value Unit (PVU) Subscription License     | D08UXZX | 63,81 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Single Client View Professional per Authorized User Annual SW Subscription & Support Renewal                    | E0N74LL | 63,71 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose for PostgreSQL for IBM Cloud Gigabyte-Month Pay Per Use                                                       | D1Q2QLL | 63,58 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Video Logistics Manager VOD Transcoding Automated QC Baton Hour Overage                                         | D1PXKLL | 63,42 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps Resource Unit Subscription License                                                         | D28T9LL | 63,34 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management Provider Hub - Standard Edition Limited Use Resource Value Unit Monthly License     | D19FQLL | 63,34 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Storage Optimization Feature for Enterprise Edition Processor Value Unit (PVU) Monthly License               | D19N5LL | 63,24 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Authorized User Extended Support Subscription License      | X03I7ZX | 63,02 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere eXtreme Scale Processor Value Unit (PVU) Monthly License                                                    | D195TLL | 63,02 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Mgmt Software Call Center Add-on Certified Container User Value Unit Extended Support Subscription License | X28LYLL | 63,02 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Instana Observability Business Monitoring Self-Hosted Managed Virtual Server Extended Support Subscription Lic        | X0HSUZX | 62,71 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for EnterpriseDB RAM Gigabyte-Month Pay per Use                                                       | D02LNZX | 62,57 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Dicom User 3rd Party per Month                                                                                        | D01QAZX | 62,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Enterprise with Zones Platinum Support Services per User per Month                                                    | D1NZYLL | 62,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Governance per User 3rd Party per Month                                                                               | D1JY4LL | 62,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Keysafe KMS Custom Key Store User 3rd Party per Month                                                                 | D01QCZX | 62,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box KeySafe KMS per User 3rd Party per Month                                                                              | D1NR1LL | 62,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Shield User 3rd Party per Month                                                                                       | D020VZX | 62,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Deluxe Suite (Saas) Authorized User per Month                                                                 | D1P3NLL | 62,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PAIRS Geoscope - Vector Storage 100 Gigabytes Pay Per Use                                                             | D1TYXLL | 62,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Supply Chain Intelligence Suite AppPoint Overage                                                                      | D076KZX | 62,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Supply Chain Intelligence Suite AppPoint per Month                                                                    | D076JZX | 62,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Wandera Data Management for IBM MaaS360 per Authorized User Subscription per Month 3rd party Offering                     | D21V0LL | 62,18 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Wandera Mobile Threat Defense for IBM MaaS360 per Authorized User Subscription per Month 3rd party Offering               | D21UYLL | 62,18 | Saas                     |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Engagement - Government Add-On Thousand Registrations per Month                                                | D1RDJLL | 62,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Worker Safety - Premium Perils Add-On Hundred Registrations per Month                                          | D1RE4LL | 62,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Worker Safety - Standard Perils Add-On Hundred Registrations Overage                                           | D1RE3LL | 62,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Reserved Authorized User Advanced Support Subscription License             | Z08LWZX | 62,14 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | Motio CI Inventory Authorized User Annual SW Subscription & Support Renewal 12 Months                                                     | E0RBRL  | 62,08 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Management on Cloud API Calls Million Server Calls Advanced Support per Month                                                     | E0FYZZX | 62,06 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Governance Catalog for Data Warehousing Processor Value Unit (PVU) Annual SW Subscription & Support Renewal    | E0IBGLL | 61,83 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Distribution Facility for Multiplatforms Processor Value Unit (PVU) Monthly License                          | D1FYILL | 61,74 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix XPS Storage Optimization Feature Processor Value Unit (PVU) Monthly License                                                  | D19NFL  | 61,67 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Enterprise Suite (Saas) Managed Client Device Overage                                                                         | D1P3XLL | 61,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Identity Insight Non-Production Environment Processor Value Unit (PVU) Monthly License                                     | D19BFLL | 61,33 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Standard Ed User Value Unit LIC + SW S&S 12 MO                                                              | D0CTJZX | 61,33 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Advanced Activity Monitor for Databases Processor Value Unit (PVU) Annual SW Subscription & Support Renewal         | E0ELHLL | 61,32 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (501-750) Advanced Support Subscription License                                                | Z07HUZX | 61,14 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Change Data Delivery for PureData System for Analytics Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E0KBQLL | 61,01 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution - Archive File Access Processor Value Unit (PVU) SW S&S REINSTATE 12 MO                         | D06Z2ZX | 61,01 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Notifications Custom-Domain Email Data 100 Gigabyte Transmitted Outbound Pay per Use                                      | D0FTFZX | 60,80 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Workload Scheduler Processor Value Unit (PVU) Annual SW Maintenance Renewal                                                           | E02AFLL | 60,76 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AIOps Insights Base Managed Virtual Server per Month                                                                                  | D0ERXZX | 60,63 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Planning Analytics Express TM1 User Authorized User Advanced Support Subscription Lic                                                 | Z0HU3ZX | 60,51 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for File Systems Employee User Value Unit Annual SW Subscription & Support Renewal                                  | E06KULL | 60,16 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Fusion Backup Storage Reserved Terabyte Subscription License                                                                  | D0A1AZX | 59,95 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IBM InfoSphere MDM Individual Hub - Standard Ed for Non-Fin Svcs Resource Value Unit Monthly License                                  | D1D1LLL | 59,94 | Saas                      |



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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere MDM Account Hub - Standard Edition for Non-Financial Services Resource Value Unit Monthly License                                   | D19D1LL | 59,94 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | Db2 Advanced Edition for SAP Solutions Authorized User Subscription License                                                                        | D082QZX | 59,79 | Assinatura               |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Marketplace 1000 Connections Subscription per Annum                                                                   | D05IIZX | 59,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix ESQL/C Runtime Concurrent Session Monthly License                                                                                     | D19RDLL | 59,58 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Space Management 10 Processor Value Units (PVUs) Monthly License                                                           | D1IUQLL | 59,19 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM TRIRIGA Application Suite AppPoint Advanced Support Subscription License                                                                       | Z07ZFZX | 59,19 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM TRIRIGA Application Suite Reserved AppPoint Advanced Support Subscription License                                                              | Z0CTEZx | 59,19 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational HATS 5250 Applications on i Authorized User Monthly License                                                                           | D1BDYLL | 59,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational HATS 5250 Applications on i Processor Value Unit (PVU) Monthly License                                                                | D1BDXLL | 59,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational HATS for 5250 Applications on Multiplatforms Authorized User Monthly License                                                          | D1BDWLL | 59,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Recovery Expert Processor Value Unit (PVU) Monthly License                                                                                 | D19A2LL | 58,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Identity and Access Assurance User Value Unit Monthly License                                                                         | D1D3TLL | 58,29 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ Advanced Processor Value Unit (PVU) Monthly License                                                                                         | D1H8TLL | 58,22 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite Terabyte (2001+) Advanced Support Subscription License                                                                   | Z0CZ6ZX | 58,13 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Telco Network Cloud Manager - Performance Managed Client Device SW Subscription & Support Reinstatement 12 Months                              | D28M2LL | 58,13 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloud Migration and Modernization - Flexera One with IBM Observability Managed Virtual Server per Month                                            | D09T4ZX | 58,01 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Starter Edition Client Device Monthly License                                                                    | D194SLL | 57,75 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Starter Edition with Informix Database Client Device Monthly License                                             | D194WLL | 57,75 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Viewer 100 Hours                                                                                                  | D1Q8ULL | 57,70 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Viewer 100 Hours Pay per Use                                                                                      | D08ZLZX | 57,70 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Flex for US Federal Occasional Enterprise User Authorized User Subscription per Month | D1UMBLL | 57,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Flex Occasional Enterprise User Authorized User Subscription per Month                | D1UM5LL | 57,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex for US Federal Occasional Enterprise User (TRIRIGA) Authorized User per Month              | D1R5ULL | 57,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud Flex Occasional Enterprise User (TRIRIGA) Authorized User per Month                             | D1QHKLL | 57,64 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (1-12) Advanced Support Subscription License                                                       | Z07NTZX | 57,50 | Assinatura               |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Network Automation Reserved Resource Unit Advanced Support Subscription License                                                   | Z09JJZX | 57,44 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Network Automation Resource Unit Advanced Support Subscription Licence 12 Months                                                  | Z0542ZX | 57,44 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Server Professional for Non-Production Environment Processor Value Unit Subscription License                                    | D0ERTZX | 57,38 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF RTM Data Collectors Resource Value Unit License + SW Subscription & Support 12 Months                                              | D02YUZX | 57,32 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Managed Server Monitoring for Non-Referenced Programs via FTP Logs Processor Value Unit (PVU) Monthly License 12 Months | D224CLL | 57,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Db2 for z/OS Remote Source Resource Value Unit Advanced Support Subscription License                                           | Z04QKZX | 57,00 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Server Premium for Non-Production Environment Processor Value Unit Subscription License Upgrade                                 | D0EHKZX | 57,00 | Upgrade                   |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Processor Value Unit Annual SW Subscription & Support Renewal 12 Months                                     | E0QQ6LL | 56,92 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere QualityStage Workgroup Edition for Non Production Environments Processor Value Unit (PVU) Monthly License                            | D19IELL | 56,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise Non Production Processor Value Unit (PVU) Monthly License                                                                | D1N8LLL | 56,50 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Session Scheduler Resource Value Unit Initial Fixed Term License + SW Subscription & Support 12 Months                             | D02Z7ZX | 56,50 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF Session Scheduler Resource Value Unit Subsequent Fixed Term License + SW Subscription & Support 12 Months                          | E02ZCZX | 56,50 | Temporária com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Archive Option Terabyte Extended Support Subscription License                                                           | X28ETLL | 56,07 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Archive Option Terabyte Extended Support Subscription License                                                           | X28EULL | 56,07 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - IBM Cloud Object Storage Option Managed Terabyte Extended Support Subscription License                                  | X28EVLL | 56,07 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - IBM Cloud Object Storage Option Managed Terabyte Extended Support Subscription License                                  | X28EWLL | 56,07 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Enterprise Suite (Saas) Managed Client Device per Month                                                                                 | D1P3WLL | 55,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PAIRS Geoscope - Transaction Volume 10K Events Pay Per Use                                                                                      | D221TLL | 55,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flow Analytics - Hosted 10K Flows Per Minute Advanced Support per Month                                                         | E0E01ZX | 55,96 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect 10 Processor Value Units (PVUs) Annual SW Subscription & Support Renewal                                                        | E0LVGLL | 55,92 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Key Lifecycle Manager for Raw Terabyte Storage Resource Value Unit Monthly License                                            | D20L6LL | 55,56 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector Feed Subscription License                                                                                    | D0BIPZX | 55,37 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Processor Value Unit (PVU) Annual SW Subscription & Support Renewal              | E08KMZX | 55,18 | Manutenção após Vigência  |

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| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Protect for Workstations 25 Client Devices Extended Support Subscription License                                                                                 | X07NUZX | 55,06 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Workgroup Edition CPU Option Processor Value Unit (PVU) Monthly License                                                                                          | D19NLLL | 54,85 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Essentials Suite (Saas) Authorized User Overage                                                                                                                   | D1P3JLL | 54,72 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | Spatial Asset Management Authorized User                                                                                                                                      | Y07NDZX | 54,68 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Integration - API Calls Resource Value Unit Extended Support Subscription License                                                                           | X052XZX | 54,62 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli System Automation for Multiplatforms Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                           | E04KLLL | 54,62 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudant for IBM Cloud Heavy 100 Thousand API Calls Pay Per Use                                                                                                           | D16J3LL | 54,48 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud DevOps Insights Standard per Application Pay Per Use                                                                                                                | D1V7MLL | 54,46 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Log Analysis Log Search 5GB per day Log Search Instance Pay per Use                                                                                                 | D1UF1LL | 54,46 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Records Foundation Add-On Employee User Value Unit Monthly License                                                                                             | D1D7ELL | 54,42 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Records Foundation Add-On Starter Pack Authorized User Value Unit Monthly License                                                                              | D1D6SLL | 54,42 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Enterprise Platinum Support Services per User 3rd Party per Month                                                                                                         | D1JYBLL | 54,41 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights for IBM Cloud Pak for Security Reserved Resource Value Unit Extended Support Subscription License                                              | X09JAZX | 54,24 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management Organization Hub Advanced Edition Lmt'd Use Resource Value Unit Monthly License                                                         | D1GNHLL | 53,98 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM InfoSphere Data Replication Processor Value Unit (PVU) Subscription License                                                                                               | D29Q3LL | 53,76 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (1251-2000) Extended Support Subscription License                                                                                  | X07HQZX | 53,68 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Platform MPI for System x Resource Value Unit Annual SW Subscription & Support Renewal                                                                                    | E0J7XLL | 53,56 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Liberty Core with Custom Pattern Processor Value Unit (PVU) from IBM WAS Liberty Core Trade Up License + SW Subscription & Support 12 Months | D1DYILL | 53,55 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL Compiler Runtime Option Processor Value Unit (PVU) Monthly License                                                                                           | D19QGLL | 53,17 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL Compiler Runtime Option zSeries S390 Processor Value Unit (PVU) Monthly License                                                                              | D19QHLL | 53,17 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL RDS Runtime Option Processor Value Unit (PVU) Monthly License                                                                                                | D19QILL | 53,17 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix 4GL RDS Runtime Option zSeries S390 Processor Value Unit (PVU) Monthly License                                                                                   | D19QJLL | 53,17 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix C-ISAM Concurrent Session Monthly License                                                                                                                        | D19RFLl | 53,17 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Change Data Delivery for Non-Production Environments Processor Value Unit (PVU) Monthly License                                                                | D19HJLL | 53,17 | Saas                     |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | ITurbonomic Application Resource Management Managed Virtual Server Extended Support Subscription License                                        | X28FALL | 53,17 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Base Server Processor Value Unit (PVU) Monthly License                                                                      | D17QXLL | 53,11 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud App Configuration Active Entity ID 1000 Active Entity ID Pay per Use                                                                  | D05BKZX | 52,94 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud App Configuration API Call Hundred Thousand API Calls Pay per Use                                                                     | D05BJZX | 52,94 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Event Streams for IBM Cloud 3 Nodes 2TB per Node Instance-Hour Pay Per Use                                                                  | D1YEHL  | 52,94 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure Gateway Outbound Data Transferred 100 Gigabyte Transmitted Outbound Pay Per Use                                                      | D1FW5LL | 52,94 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery News Per Query Pack of 100 100 Item Pay Per Use                                                                            | D1RTULL | 52,94 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog PayGo Enterprise Bundle 50 Asset Pay per Use                                                                       | D0A01ZX | 52,94 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog PayGo Standard Edition 50 Asset Pay per Use                                                                        | D0A03ZX | 52,94 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Rank for IBM Cloud Instance Pay Per Use                                                                                              | D1JCNLL | 52,94 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Visual Recognition Training for IBM Cloud per Instance Pay per Use                                                                   | D1N95LL | 52,94 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Workflow for IBM Cloud Thousand Started Task Pay Per Use                                                                                    | D1CHKLL | 52,94 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Video Logistics Manager VOD Transcoding Automated QC Baton Hour per Month                                                             | D1PXJLL | 52,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Security Guardium Aggregator Software Appliance Install Extended Support Subscription License                                                   | X29QVLL | 52,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Security Guardium Collector Software Appliance Install Extended Support Subscription License                                                    | X29QULL | 52,73 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Platform Private Cloud Ozone or 3rd Party Storage and EDH with IBM Terabyte Subscription License                                  | D0BEJZX | 52,23 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Platform Private Cloud Ozone or 3rd Party Storage with IBM Terabyte Subscription License                                          | D0BEHZX | 52,23 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Express Premium Edition for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E0BX6LL | 52,04 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Pack for Supply Chain EDI Processor Value Unit (PVU) Monthly License                                                | D1L4VLL | 51,97 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Agile Service Manager Managed Virtual Server SW Subscription & Support Reinstatement 12 Months                   | D1TJBLL | 51,55 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Solution for Application Retirement - Archive File Access Resource Value Unit Annual SW S&S Rnwl                           | E077SZX | 51,36 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Management Suite (Saas) Authorized User Overage                                                                                     | D1AK3LL | 51,30 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Device Management (Saas) Authorized User Overage                                                                             | D1AJBLL | 51,30 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Productivity Suite (Saas) Authorized User Overage                                                                                   | D1AKJLL | 51,30 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Snapshot Terabyte (1-12) Extended Support Subscription                                                                      | X07QYZX | 51,30 | Assinatura               |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM Content Manager OnDemand Distribution Facility for Multiplatforms Processor Value Unit (PVU) SUBSCRIPTION LICENSE      | D07V9ZX | 50,83 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication for Non-Production Environments Processor Value Unit (PVU) Subscription License                       | D04QRZX | 50,83 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (751-1250) Advanced Support Subscription License                                | Z07HRZX | 50,80 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Manager for Client Managed Client Device Advanced Support 12 Months                          | E0E2AZX | 50,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport for Remediation for Business Premium Support 10 Eligible Participants Advanced Support                | E0DUXZX | 50,76 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify On-Premises 1000 FlexPoint Extended Support Subscription License                                       | X2A0ALL | 50,67 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Notifications Pre-production Push Destination Application instance Pay per Use                             | D0BGHZX | 50,66 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Service Endpoint Connectivity for IBM Cloud 100 Instance-Hours Pay per Use                                | D02GZZX | 50,66 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Records Foundation Content Collector Edition Employee User Value Unit Monthly License                       | D1D6ILL | 50,60 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Pack for SAP Applications per Processor Value Unit (PVU) Monthly License                       | D1PTFLL | 50,47 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Streaming Analytics Premium Hourly Container Container-Hour Pay Per Use                                                | D1WIELL | 50,31 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ILOG CPLEX Optimizer for Non-Production Processor Value Unit (PVU) Monthly License                                     | D1808LL | 50,22 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Advanced Edition Additional Egress Terabyte Advanced Support per Annum                                 | E0EGGZX | 50,04 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Enterprise Edition Additional Egress Terabyte Advanced Support per Annum                               | E0EGLZX | 50,04 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Host Adapters User Value Unit Annual SW Subscription & Support Renewal                      | E0RARLL | 49,96 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (33-64) Extended Support Subscription License                              | X07NPZX | 49,91 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Add-on Ext User User Value Unit SW Subscription & Support Reinstatement 12 Months | D04JDLL | 49,82 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Ext User User Value Unit SW Subscription & Support Reinstatement 12 Months                      | D04CJLL | 49,82 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Relay Solution User 3rd Party per Month                                                                                | D01QHZX | 49,74 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | FieldFLEX Mobile for IBM TRIRIGA Saas - Self-Service Authorized User Overage                                               | D03Z7ZX | 49,74 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Essentials Suite (Saas) Authorized User per Month                                                              | D1P3ILL | 49,74 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Worker Safety - Standard Perils Add-On Hundred Registrations per Month                          | D1RE2LL | 49,74 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 16x16 Private Instance (16 CPU, 16 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use        | D1YBZLL | 49,70 | Saas                     |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Microsoft Office Employee User Value Unit Annual SW Subscription & Support Renewal                                    | E0JFOLL | 49,54 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Daeja ViewONE Virtual Module for Permanent Redaction Employee User Value Unit Annual SW Subscription & Support Renewal 12 Months                       | E0LQALL | 49,54 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM MobileFirst Foundation Extension Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                         | E0N0JLL | 49,54 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Storage Protect for Virtual Environments 10 Processor Value Units (PVUs) Annual SW Subscription & Support Renewal                                      | E0LW2LL | 49,46 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Integration Bus Remote Adapter Deployment Idle Standby Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                             | E0AMGLL | 49,41 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Network Manager Managed Device Monthly License                                                                                                         | D28VBLL | 49,16 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Object Storage plan 1 100 Gigabyte Transmitted Outbound Pay per Use                                                                                    | D1KW6LL | 49,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security SOAR Breach Response on Cloud Add-On (AU) Authorized User Advanced Support 12 Months                                                          | E0E9EZX | 49,04 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Communications Server for Data Center Deployment Concurrent User Monthly License                                                                       | D1970LL | 48,96 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Analyzer Workgroup Edition for Non Production Environments Processor Value Unit (PVU) Monthly License                           | D19IALL | 48,96 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Directory Standard Edition Processor Value Unit (PVU) Monthly License                                                                  | D1K09LL | 48,96 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Case Manager Authorized User Advanced Support per Month                                                                                                    | E0FY9ZX | 48,81 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Agile Service Manager Managed Virtual Network Device Monthly License                                                        | D1TL3LL | 48,53 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn B2B API Gateway 500 API Calls Advanced Support per Month                                                           | E0E7XZX | 48,50 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (13-32) Advanced Support Subscription License                                                              | Z07NQZX | 48,47 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling File Gateway Add-on to IBM Sterling B2B Integrator Standard Edition for Non-Production Environment Processor Value Unit (PVU) Monthly License | D183CLL | 48,46 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Noname Advanced API Security as a Service for IBM Managed Endpoint Resource Unit Advanced Support per Month                                                | E0G0NZX | 48,44 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Standard Campus Edition Academic Campus Value Unit Advanced Support Subscription Lic                                                   | Z0FC6ZX | 48,29 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 16x16 VSI Private Instance (16 CPU, 16 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use                                  | D01RKZX | 47,98 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Server Standard Processor Value Unit Subscription License Upgrade                                                                      | D0EH6ZX | 47,97 | Upgrade                  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Symphony Advanced Edition Resource Value Unit Advanced Support Subscription License                                                           | Z28G8LL | 47,85 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Advanced Additional Storage Terabyte Advanced Support per Annum                                                                        | E0EGFZX | 47,76 | Saas                     |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Advanced Edition Additional Storage Terabyte Advanced Support per Annum                                     | E0EGHZX | 47,76 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Enterprise Additional Storage Terabyte Advanced Support per Annum                                           | E0EGKZX | 47,76 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Standard Additional Storage Terabyte Advanced Support per Annum                                             | E0EGQZX | 47,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Cloud Suite Non-Production Virtual Server Advanced Support 12 Months                              | E0E99ZX | 47,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Cloud Suite Virtual Server Advanced Support 12 Months                                             | E0E97ZX | 47,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Manager for Client Manager Non Production Client Device Advanced Support 12 Months                | E0E8ZZX | 47,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Trust Active User Advanced Support 12 Months                                                                | E0ER2ZX | 47,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Carrier Intelligence for Pinpoint Detect Non US 100 Connections Advanced Support 12 Months                  | E0DVJZX | 47,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Carrier Intelligence for Pinpoint Detect US 100 Connections Advanced Support 12 Months                      | E0DVIZX | 47,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Carrier Intelligence Non US 100 Connections Advanced Support 12 Months                                      | E0DWQZX | 47,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Carrier Intelligence US 100 Connections Advanced Support 12 Months                                          | E0DWPZX | 47,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect for Connections 100 Connections Subscription Advanced Support 12 Months                            | E0DVKZX | 47,76 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Marketplace 1000 Connections Subscription Advanced Support 12 Months                               | E0DVZZX | 47,76 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services - Collab Network for ACMA / SIAM Map Advanced Support per Annum                                           | E0DXYZX | 47,76 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services Collaboration Network for ACMA / SIAM 500 Document Advanced Support per Annum                             | E0DXTZX | 47,76 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced High Availability Replica Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months         | E0LNDLL | 47,74 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Db2 on Cloud Paygo for AWS Additional Data Transfer Fee 100 Gigabyte Transmitted Outbound Pay per Use                           | D01XYZX | 47,67 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Alert Notification for IBM Cloud Authorized User Pay Per Use                                                                | D1LJELL | 47,67 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Base Campus Edition Academic Authorized User Advanced Support Subscription Lic                              | Z0F9IZX | 47,66 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integrator Basic Edition for Non-Production Environment Processor Value Unit (PVU) Monthly License             | D182CLL | 47,60 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli System Automation for Multiplatforms XDR for Linux Processor Value Unit (PVU) Monthly License                        | D18P3LL | 47,53 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics User Cartridge for IBM Cloud Pak for Data Authorized User Advanced Support Subscription License            | Z03I7ZX | 47,41 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Call Center Add on Certified Container User Value Unit Advanced Support Subscription License | Z28LYLL | 47,41 | Saas                     |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Retail Store Server Starter Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                        | E06XHLL | 47,38 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Retail Store Server Starter Edition with Informix Database Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E06XJLL | 47,38 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager Host Edition User Value Unit Annual SW Subscription & Support Renewal                     | E05U3LL | 47,38 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM B2B Module for DataPower Gateway Virtual Edition Processor Value Unit (PVU) Monthly License                                    | D1CYVLL | 47,28 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Databases 10 Processor Value Units (PVUs) Monthly License                                                  | D1IRCLL | 47,25 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Mail 10 Processor Value Units (PVUs) Monthly License                                                       | D1IRTL  | 47,25 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for SAN 10 Processor Value Units (PVUs) Monthly License                                                        | D1IUHLL | 47,25 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Rank for IBM Cloud 10000 API Calls Pay Per Use                                                                          | D1JCM   | 47,12 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Instana Observability Business Monitoring Self-Hosted Managed Virtual Server Advanced Support Subscription Lic                 | Z0HSUZX | 47,04 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender on DataPower (Virtual) Non-Production Processor Value Unit Monthly License                    | D0BPDZX | 46,84 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Enterprise Edition User Value Unit Annual SW Subscription & Support Renewal                          | E0M5BLL | 46,66 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Business Plus with Zones Platinum Support Services per User per Month                                                          | D1NZWLL | 46,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Environmental Intelligence Suite AppPoint Advanced Support per Month                                                           | E0E44ZX | 46,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Envizi ESG Suite AppPoint Advanced Support per Month                                                                           | E0E4JZX | 46,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Management Suite (Saas) Authorized User per Month                                                                      | D1AK1LL | 46,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Device Management (Saas) Authorized User per Month                                                              | D1AIULL | 46,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Productivity Suite (Saas) Authorized User per Month                                                                    | D1AKILL | 46,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Wandera Mobile Security & Policy for IBM MaaS360 per Managed Client Device Subscription per Month 3rd party Offering               | D21V1LL | 46,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MongoDB RAM Gigabyte-Month Pay Per Use                                                                     | D206ZLL | 46,36 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Viewer 100 Hours Per Month                                                                        | D1Q8TLL | 46,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Virtual Private Network 100 Gigabyte Transmitted Outbound Pay Per Use                                                          | D1LIULL | 46,05 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Inter Region Data Transfer 100 Gigabyte Transmitted Pay per Use                                                                    | D00VGZX | 46,05 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Network Management 10 Managed Client Devices Monthly License                                        | D18ZDLL | 45,90 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Performance Storage charges (per IOP) per 100 Item Pay per Use                                                | D1YE6LL | 45,80 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Application Dependency Discovery Manager for zOS Data Resource Value Unit Annual SW Subscription & Support Renewal      | E0461LL | 45,71 | Manutenção após Vigência |



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| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli Application Dependency Discovery Manager Resource Value Unit Annual SW Subscription & Support Renewal                                                                      | E02EPLL | 45,71 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Assistant Plus VOICE 100 MAU Active User Pay per Use                                                                                                                       | D04X5ZX | 45,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Actiance Alcatraz Single Channel Multi-tenant Authorized User 3rd Party per Month                                                                                                     | D1JVYLL | 45,21 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Control Center Monitor for Transformation Extender Advanced Processor Value Unit Monthly License                                                                                  | D1VBQLL | 45,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | TIBCO Enterprise Message Service Module for IBM DataPower Gateway Virtual Edition for Non Production Environments Processor Value Unit Annual Software Subscription & Support Renewal | E0KH8LL | 44,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | TIBCO Enterprise Message Service Module for IBM DataPower Gateway Virtual Edition Processor Value Unit Annual Software Subscription & Support Renewal                                 | E0KHSLL | 44,99 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ Advanced Message Security Component Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                                              | E0DS8LL | 44,80 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Liberty Core with Custom Pattern Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                       | E0KZDLL | 44,80 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-AddOn-Call Center Authorized User Advanced Support per Month                                                                                            | E0E61ZX | 44,77 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Standard Edition Annual 1000 Kilo Characters Advanced Support per Annum                                                                             | E0E7TZX | 44,76 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Standard Edition Annual 350 Documents Advanced Support per Annum                                                                                    | E0E7SZX | 44,76 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Int Basic Map Change Map Advanced Support per Annum                                                                                                         | E0E0NZX | 44,76 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution for Oracle Applications Data Privacy Option Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                    | E0H9ZLL | 44,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months                                       | D0J3DLL | 44,40 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Base Server Processor Value Unit Subscription License                                                                                                             | D0EH1ZX | 44,34 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Network Manager Managed Client Device License + SW Subscription and Support 12 Months                                                                                             | D28UTLL | 44,28 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum MPI Resource Value Unit Annual SW Subscription & Support Renewal                                                                                                         | E0DXHLL | 44,15 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 16x32 Public Instance (16 CPU, 32 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use                                                                    | D1YCOLL | 44,13 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Collector for Email Resource Value Unit Monthly License                                                                                                                   | D1FYVLL | 43,70 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Role Optimization User Value Unit Annual SW Subscription & Support Renewal 12 Months                                                                   | E0M54LL | 43,70 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Defender Resource Unit Subscription License Upgrade from IBM Spectrum Protect Plus                                                                                        | D0EX3ZX | 43,70 | Upgrade                   |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Event Streams for IBM Cloud 100 Gigabyte Transmitted Outbound Pay per Use                                                                 | D01HMZX | 43,62 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Registry network bandwidth per 100 Gigabyte Transmitted Pay per Use                                                                   | D1SL0LL | 43,62 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat Enterprise Linux on IBM Cloud VSIs 4 Or Less vCPUs 100 Instance-Hours Pay per Use                                                 | D01T4ZX | 43,62 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | FieldFLEX Mobile for IBM TRIRIGA Saas - Self-Service Authorized User Subscription per Month                                               | D0435ZX | 43,53 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Carrier Intelligence for Pinpoint Detect Non US 100 Connections Overage                                               | D2017LL | 43,53 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Carrier Intelligence for Pinpoint Detect US 100 Connections Overage                                                   | D2015LL | 43,53 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Snapshot Terabyte (13-32) Extended Support Subscription License                                                       | X07QZZX | 43,39 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Manager On-Premises for Client per Managed Client Device Annual SW Subscription & Support Renewal 12 Months | E0PRVLL | 43,33 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services File Transfer Service Extended Data Retention-1 Year Gigabyte Advanced Support per Month                            | E0E0JZX | 43,28 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                   | E09P4LL | 43,00 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Categories Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                            | E09PFLL | 43,00 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Complex Samples Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                       | E09PDLL | 43,00 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Conjoint Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                              | E09PBLL | 43,00 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Custom Tables Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                         | E09P9LL | 43,00 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Data Preparation Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                      | E09NQLL | 43,00 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Decision Trees Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                        | E09Q6LL | 43,00 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                      | E09QVLL | 43,00 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Exact Tests Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                           | E09RQLL | 43,00 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Forecasting Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                           | E09RULL | 43,00 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Missing Values Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                        | E09RNLL | 43,00 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Neural Networks Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                       | E09RLLL | 43,00 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Regression Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                            | E09RSLL | 43,00 | Manutenção após Vigência |

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| Real | 12 |                                                | PPA  | 7831 | IBM SPSS STATS Bootstrapping Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                    | E09P5LL | 43,00 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps Resource Unit Subscription License Upgrade                                                                                                  | D28TALL | 42,89 | Upgrade                  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Premier Suite (Saas) Managed Client Device Overage                                                                                                             | D1P3SLL | 42,78 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - EDR Enterprise Client Device per Month                                                                                                         | D09GBZX | 42,66 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Amos Campus Edition Authorized User Extended Support Subscription Lic                                                                                  | X0FCTZX | 42,64 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition Non-Production Processor Value Unit (PVU) Extended Support Subscription License                                                 | X07JWZX | 42,52 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Partner Engagement Manager Trading Partner Management Entity ID per Month                                                                                              | D1JSFLL | 42,47 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | Motio CI Version Control Processor Value Unit Subscription License                                                                                                         | D29LNLL | 42,33 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Server Standard for Non-Production Environment Processor Value Unit (PVU) Monthly License                                                              | D17TBLL | 42,27 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Integration Module for DataPower Gateway Virtual Edition Processor Value Unit (PVU) Monthly License                                                                    | D1CYWLL | 42,21 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server - Express Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                             | E02HKLL | 42,20 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Application Server Liberty Core Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                          | E0HGKLL | 42,20 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition External User User Value Unit from IBM FileNet Image Services Trade Up License + SW Subscription & Support 12 Months              | D0Q2YLL | 42,14 | Upgrade com Manutenção   |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Archive Option Terabyte Advanced Support Subscription License                                                                                  | Z28ETLL | 42,08 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - Archive Option Terabyte Advanced Support Subscription License                                                                                  | Z28EULL | 42,08 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - IBM Cloud Object Storage Option Managed Terabyte Advanced Support Subscription License                                                         | Z28EVLL | 42,08 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Suite - IBM Cloud Object Storage Option Managed Terabyte Advanced Support Subscription License                                                         | Z28EWLL | 42,08 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 16x32 VSI Public Instance (16 CPU, 32 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use                                                   | D01RNZX | 42,05 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Sterling Secure Proxy for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0LFCLL | 41,83 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli System Automation Application Manager Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                       | E04JWLL | 41,71 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Workplace Reservation Manager for Small Installations Authorized User Monthly License                                                                          | D18XELL | 41,45 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Protect for Workstations 25 Client Devices Advanced Support Subscription License                                                                              | Z07NUZX | 41,33 | Assinatura               |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 8x32 Private Instance (8 CPU, 32 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use                                                               | D1XCHLL | 41,24 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim pureQuery Runtime for Linux UNIX and Windows Processor Value Unit (PVU)                                                                                    | E048YLL | 41,06 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Professional (Saas) Managed Client Device Overage                                                                                                                   | D1DKELL | 41,04 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Integration - API Calls Resource Value Unit Advanced Support Subscription License                                                                             | Z052XZX | 41,02 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Key Lifecycle Manager for Internet of Things Client Device Monthly License                                                                                | D1R0ZLL | 41,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Local TM1 Server for Non-Production Environment Processor Value Unit (PVU) Monthly License                                                               | D17LNLL | 41,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MySQL RAM per Month Gigabyte-Month Pay Per Use                                                                                                          | D234QLL | 40,94 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution for Oracle Appl - Archive File Access Processor Value Unit (PVU) SW S&S REINSTATE 12 MO                                               | D077EZX | 40,93 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Secure Proxy for Non-Production Environment Processor Value Unit (PVU) Monthly License                                                                             | D1826LL | 40,76 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution Open Data Manager Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                 | E06JQLL | 40,69 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights for IBM Cloud Pak for Security Reserved Resource Value Unit Advanced Support Subscription License                                                | Z09JAZX | 40,69 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Connect-Direct Premium Edition for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                  | E0BXMLL | 40,44 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (1251-2000) Advanced Support Subscription License                                                                                    | Z07HQZX | 40,26 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (2001+) Extended Support Subscription License                                                                                        | X07HTZX | 40,26 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for B2B Integrator and Sterling File Gateway Enterprise for Non-Production Environment Processor Value Unit (PVU) Monthly License 12 Months | D1FRBLL | 40,26 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Faculty Pack Authorized User Extended Support Subscription Lic                                                                                     | X0F8WZX | 40,13 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | ITurbonomic Application Resource Management Managed Virtual Server Advanced Support Subscription License                                                                        | Z28FALL | 39,88 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Governance Enterprise User Value Unit Monthly License                                                                                                       | D1K1ZLL | 39,82 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Security Guardium Aggregator Software Appliance Install Advanced Support Subscription License                                                                                   | Z29QVLL | 39,57 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Security Guardium Collector Software Appliance Install Advanced Support Subscription License                                                                                    | Z29QULL | 39,57 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Non Production Processor Value Unit (PVU) Monthly License                                             | D08V1ZX | 39,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Viewer Authorized User Advanced Support per Month                                                                                          | E0FT1ZX | 39,55 | Saas                     |

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| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Carrier Intelligence for Pinpoint Detect Non US 100 Connections per Annum                                     | D2016LL | 39,48 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Carrier Intelligence for Pinpoint Detect US 100 Connections per Annum                                         | D2010LL | 39,48 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Carrier Intelligence Non US 100 Connections per Annum                                                         | D2032LL | 39,48 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Network Manager Managed Device Subscription License                                                                           | D28V9LL | 39,40 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for PostgreSQL Gigabyte Memory Gigabyte-Month Pay per Use                                           | D031LZX | 39,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Federation Module per User Value Unit Annual SW Subscription & Support Renewal         | E0LLDLL | 39,30 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Message Broker Retail Store Edition Processor Value Unit (PVU) Monthly License                                      | D194QLL | 39,26 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 8x32 VSI Private Instance (8 CPU, 32 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use           | D01RPZX | 39,22 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Business Plus Platinum Support Services per User 3rd Party per Month                                                          | D1JYALL | 38,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Premier Suite (Saas) Managed Client Device per Month                                                                  | D1P3RLL | 38,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Worker Safety - Government Add-On Hundred Registrations Overage                                        | D1RE1LL | 38,86 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Server Professional for Non-Production Environment Processor Value Unit Subscription License Upgrade          | D0ERSZX | 38,76 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Suite (Saas) Authorized User Overage                                                                          | D1ALBLL | 38,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management Patient Hub - Standard Edition Limited Use Resource Value Unit Monthly License              | D1GNILL | 38,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IT Asset Management - Flexera One with IBM Observability Managed Virtual Server per Month                                         | D09T8ZX | 38,55 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server Enterprise Edition for Data Warehousing Processor Value Unit (PVU) Monthly License              | D19HWLL | 38,55 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Snapshot Terabyte (1-12) Advanced Support Subscription                                                        | Z07QYZX | 38,51 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Extended Data Retention 3 Year Gigabyte Advanced Support per Month                    | E0E0TZX | 38,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services File Transfer Service Extended Data Retention-3 Year Gigabyte Advanced Support per Month                    | E0E0KZX | 38,43 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Management for IBM Cloud Hundred Megabyte-Months Pay Per Use                                                              | D1GMWLL | 38,41 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Standard Activity Monitor for Databases Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E0ELTLL | 38,18 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System Automated Observability Item LIC + SW S&S 12 MO                                              | D0GIHZX | 38,18 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Content Manager Connector for Salesforce Authorized User Monthly License                                              | D27CRLL | 38,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Storage Charges (10 IOPs per GB) per 10 Item Pay per Use                                                     | D1VLPLL | 37,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages on Cloud General User Authorized User Advanced Support per                                                          | E0G5BZX | 37,94 | Saas                      |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Application Adapters User Value Unit Annual SW Subscription & Support Renewal                                           | EORANLL | 37,93 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender on DataPower (Virtual) Non-Production Processor Value Unit Subscription License                                   | D0BPEZX | 37,43 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (33-64) Advanced Support Subscription License                                                          | Z07NPZX | 37,43 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Event Streams for IBM Cloud Additional Capacity Unit-Hour Pay per Use                                                                              | D02HUZX | 37,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Event Streams for IBM Cloud Base Capacity Unit-Hour Pay per Use                                                                                    | D02CIZX | 37,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Event Streams for IBM Cloud Satellite Additional Capacity Unit-Hour Pay                                                                            | D08Z0ZX | 37,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Event Streams for IBM Cloud Satellite Base Capacity Unit-Hour Pay per Use                                                                          | D08Z1ZX | 37,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Enterprise with Zones Premier Support Services per User per Month                                                                                  | D1NZXLL | 37,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Targetprocess PI Planning Event Access per Month                                                                                            | D0GV3ZX | 37,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Professional (Saas) Managed Client Device per Month                                                                                        | D1DKCLL | 37,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Archive Viewer Resource Value Unit Monthly License                                                                                | D0D2VZX | 37,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | ASP.NET 5 for IBM Cloud 100 Gigabyte-Hours Pay Per Use                                                                                                 | D1HKHLL | 37,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Runtime 100 Gigabyte-Hours Pay Per Use                                                                                                       | D15USLL | 37,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Runtime for Swift 100 Gigabyte-Hours Pay Per Use                                                                                             | D1Q7YLL | 37,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Liberty for Java(TM) for IBM Cloud 100 Gigabyte-Hours Pay Per Use                                                                                  | D15UQLL | 37,08 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SDK for Node.js(TM) for IBM Cloud 100 Gigabyte-Hours Pay Per Use                                                                                   | D15URLL | 37,08 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Standard Ed User Value Unit SW S&S Reinstate 12 Mo                                                                       | D0CTMZX | 36,81 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Navigator Enterprise Authorized User Advanced Support per Month                                                                                        | E0FZVZX | 36,75 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Enterprise Edition Eligible Participant Resource Value Unit License + SW Subscription & Support 12 Months                          | D12ESLL | 36,39 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Video Logistics Manager Digital Asset Distribution Item Overage                                                                              | D1UDNLL | 36,25 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Mobile User Authorized User Overage                                                                               | D062YZX | 36,25 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Eligible Participant Resource Value Unit License + SW Subscription & Support 12 Months                                     | D11JVLL | 36,24 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 16x16 VSI Public Instance (16 CPU, 16 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use                               | D01RLZX | 36,18 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Identity and Access Manager Application Edition User Value Unit Annual SW Subscription & Support Renewal                                  | E05U1LL | 36,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for MQ Managed File Transfer Service Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | E0LQRLL | 36,04 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Workload Scheduler for Applications Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                  | E0LHILL | 36,04 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Extended Data Retention 5 Year Gigabyte Advanced Support per Month                                         | E0E0UZX | 36,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services Service-Extended Data Gigabyte Advanced Support per Month                                                                        | E0E0IZX | 36,01 | Saas                      |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Mobile Authorized User Subscription License                                                                              | D06MAZX | 35,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Observability by Instana Infrastructure Quality Monitoring Managed Virtual Server Extended Support Subscription License                   | X29RRLL | 35,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IBM InfoSphere Information Services Director Workgroup Edition for Non Production Environments Processor Value Unit (PVU) Monthly License | D19IILL | 35,67 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 16x16 Public Instance (16 CPU, 16 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use                            | D1YBYLL | 35,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Channel Item per Month                                                                                       | D1Q8GLL | 35,59 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Control Center Monitor for B2B Integrator Basic and Standard Processor Value Unit (PVU) Monthly License 12 Months                         | D1FQJLL | 35,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Db2 Authorized User Monthly License                                                                       | D26W5LL | 35,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Security and Compliance Center Event Pay per Use                                                                                    | D04XSZX | 35,42 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System Item LIC + SW S&S 12 MO                                                                                  | D0BJIZX | 35,37 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Server Standard for Non-Production Environment Processor Value Unit Subscription License                                  | D0EHDZX | 35,25 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Suite (Saas) Authorized User per Month                                                                                    | D1ALALL | 35,13 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Advanced Statistics Academic Authorized User Extended Support Subscription Lic                                            | X0F9AZX | 35,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Categories Academic Authorized User Extended Support Subscription Lic                                                     | X0F9RZX | 35,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Complex Samples Academic Authorized User Extended Support Subscription Lic                                                | X0F9ZZX | 35,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Conjoint Academic Authorized User Extended Support Subscription Lic                                                       | X0FA7ZX | 35,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Custom Tables Academic Authorized User Extended Support Subscription Lic                                                  | X0FAFZX | 35,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Decision Trees Academic Authorized User Extended Support Subscription Lic                                                 | X0FANZX | 35,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Direct Marketing Academic Authorized User Extended Support Subscription Lic                                               | X0FAWZX | 35,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Exact Tests Academic Authorized User Extended Support Subscription Lic                                                    | X0FB4ZX | 35,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Forecasting Academic Authorized User Extended Support Subscription Lic                                                    | X0FBCZX | 35,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Missing Values Academic Authorized User Extended Support Subscription Lic                                                 | X0FBKZX | 35,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Neural Networks Academic Authorized User Extended Support Subscription Lic                                                | X0FBTZX | 35,12 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Regression Academic Authorized User Extended Support Subscription Lic                                                     | X0FC1ZX | 35,12 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Knowledge Accelerator for Financial Services Per Resource Value Unit Extended Support Subscription License                                | X28XHLL | 34,92 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Defender Resource Unit Subscription License Upgrade                                                                               | D0EX4ZX | 34,92 | Upgrade                   |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (65-100) Extended Support Subscription License                                                              | X07NSZX | 34,75 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management Individual Hub - Advanced Edition Limited Use Resource Value Unit Monthly License                                     | D1GP0LL | 34,74 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Pack for Financial Payments for Non Production Processor Value Unit (PVU) Monthly License                                       | D1L5MLL | 34,74 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Pack for Healthcare for Non Production Processor Value Unit (PVU) Monthly License                                               | D1L4LLL | 34,74 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Workgroup Server Edition Processor Value Unit (PVU) Monthly License                                                                                 | D19QRLL | 34,67 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow HSA Feed Subscription License                                                                              | D0BJ4ZX | 34,61 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector High Flow LAB Feed Subscription License                                                                              | D0BJ9ZX | 34,61 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Daeja ViewONE Virtual Employee User Value Unit Monthly License                                                                                          | D1DA0LL | 34,49 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Authorized User Monthly License                                                          | D08RYZX | 34,49 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Data Protection for SharePoint per Authorized User Annual SW Subscription & Support Renewal 12 Months                                 | E0P8TLL | 34,30 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF RTM Data Collectors Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                  | D02YXZX | 34,30 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Deluxe Suite (Saas) Managed Client Device Overage                                                                                               | D1P3MLL | 34,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Document Editor (Saas) Authorized User Overage                                                                                           | D1AG5LL | 34,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Secure Mobile Mail (Saas) Authorized User Overage                                                                                               | D1AJ1LL | 34,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaasS360 Mobile Application Management (Saas) Authorized User Overage                                                                                   | D1ALTLL | 34,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Application Optimization for DataPower Gateway Virtual Edition Processor Value Unit (PVU) Monthly License                                               | D1CYXLL | 34,01 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Knowledge Accelerator for Insurance per Resource Value Unit Extended Support Subscription License                                                       | X28XGLL | 33,86 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Applications Authorized User Annual SW Subscription & Support Renewal                                       | E0CQULL | 33,80 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Key Lifecycle Manager for Applications Authorized User for zEnterprise BladeCenter Extension Annual SW Subscription & Support Renewal | E0DH3LL | 33,80 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Extended Data Retention 7 Year Gigabyte Advanced Support per Month                                              | E0E0VZX | 33,71 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services File Transfer Service Extended Data Retention-7 Year Gigabyte Advanced Support per Month                                              | E0E0LZX | 33,71 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - EDR Client Device per Month                                                                                                     | D09EGZX | 33,58 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Non-Production Environments Processor Value Unit (PVU) Monthly License                                                  | D1D22LL | 33,55 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | Motio CI Version Control Authorized User Subscription License                                                                                               | D29LJLL | 33,49 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect Verify and Govern Bundle Employee Overage                                                                                        | D224VLL | 33,33 | Saas                     |



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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Enterprise Edition User Value Unit Monthly                                                                          | D1L2XLL | 33,28 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Governance Lifecycle User Value Unit from Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months | D1B38LL | 33,11 | Upgrade com Manutenção   |
| Real | 1  |                                                | PPA  | 7831 | Advanced Enterprise Server Edition Processor Value Unit (PVU) Extended Support SL                                                                      | X08NHZX | 33,05 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Video Logistics Manager Digital Asset Distribution Item per Month                                                                            | D1UDMLL | 32,96 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Mobile User Authorized User Subscription per Month                                                                | D062XZX | 32,96 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Event Streams for IBM Cloud Additional Storage 10 Terabyte-Hours Pay per Use                                                                       | D02CHZX | 32,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Enterprise Premier Support Services per User 3rd Party per Month                                                                                   | D1JY8LL | 32,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Flows Additional Log Archival 10K Flows Per Minute Advanced Support per Month                                                      | E0E03ZX | 32,64 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Snapshot Terabyte (13-32) Advanced Support Subscription License                                                                    | Z07QZZX | 32,55 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management Organization Hub Standard Edition Lmted Use Resource Value Unit Monthly License                                  | D1GNGLL | 32,49 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM WebSphere Message Broker Retail Store Edition Idle Standby Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                     | E0ALNLL | 32,36 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Operations Management 10 Managed Client Devices Monthly License                                                         | D1CH6LL | 32,23 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Store Add on Certified Container Resource Value Unit Extended Support Subscription License                          | X28LSLL | 32,11 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Microsoft Office Authorized User Value Unit Monthly License                                     | D1G8WLL | 32,02 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Permanent Redaction Authorized User Value Unit Monthly License                                  | D1HFVLL | 32,02 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix SQL Runtime Option Processor Value Unit (PVU) Monthly License                                                                             | D19QLLL | 32,02 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix SQL Runtime Option zSeries S390 Processor Value Unit (PVU) Monthly License                                                                | D19QMLL | 32,02 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Amos Campus Edition Authorized User Advanced Support Subscription Lic                                                              | Z0FCTZX | 31,99 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS for Non Production Processor Value Unit (PVU) Subscription License               | D08V2ZX | 31,65 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Snapshot Terabyte (33-64) Extended Support Subscription License                                                                    | X07R2ZX | 31,60 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM DB2 Encryption Offering for DB2 Express Server Edition Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                         | E0KSLLL | 31,48 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli System Automation Application Manager for zOS Adapter Processor Value Unit (PVU) Monthly License                                            | D18QHLL | 31,35 | Saas                     |

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| Real | 12 |                                                | PPA  | 7831 | IBM Tivoli System Automation High Availability Policies for SAP Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                    | E0AHDLL | 31,35 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ Processor Value Unit (PVU) Monthly License                                                                                                                                      | D1D2FLL | 31,29 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor Connection Monthly License                                                                                                                         | D181PLL | 31,29 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Multizone User 3rd Party per Month                                                                                                                                                 | D20AALL | 31,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Deluxe Suite (Saas) Managed Client Device per Month                                                                                                                        | D1P3LLL | 31,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Document Editor (Saas) Authorized User per Month                                                                                                                    | D1AG4LL | 31,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Secure Mobile Mail (Saas) Authorized User per Month                                                                                                                        | D1AJ0LL | 31,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Application Management (Saas) Authorized User per Month                                                                                                             | D1ALSLL | 31,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Wandera Data Management for IBM MaaS360 per Managed Client Device Subscription per Month 3rd party Offering                                                                            | D21UZLL | 31,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Wandera Mobile Threat Defense for IBM MaaS360 per Managed Client Device Subscription per Month 3rd party Offering                                                                      | D21UXLL | 31,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Alerts for Worker Safety - Government Add-On Hundred Registrations per Month                                                                                           | D1RE0LL | 31,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Enterprise Server Edition Processor Value Unit (PVU) Monthly License                                                               | D1CX7LL | 31,08 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Enterprise Server Edition Processor Value Unit (PVU) Monthly License                                                          | D1CXCLL | 31,08 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Encryption Offering for DB2 Enterprise Server Edition Processor Value Unit (PVU) Monthly License                                                                               | D1CWILL | 31,08 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Governance Enterprise User Value Unit Subscription License                                                                                                         | D29AGLL | 31,08 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn eInvoicing Signature Service 350 Documents Advanced Support per Month                                                                          | E0EBAZX | 30,78 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect Verify and Govern Bundle Employee Monthly Subscription                                                                                                      | D2242LL | 30,34 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Test Data Management Solution Starter Edition for JD Edwards Applications Data Masking Option Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E07LWLL | 30,29 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Control Storage Capacity Unit (2001+) Advanced Support Subscription License                                                                                               | Z07HTZX | 30,23 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM OS Image for Red Hat Linux Systems Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                             | E0BYBLL | 30,22 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module AOS Processor Value Unit (PVU) Extended Support Subscription License                                         | X07JKZX | 30,11 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Faculty Pack Authorized User Advanced Support Subscription Lic                                                                                            | Z0F8WZX | 30,10 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Management for IBM Cloud Hundred Thousand API Calls Pay Per Use                                                                                                                | D1GMULL | 29,90 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Base Server Processor Value Unit Subscription License Upgrade                                                                                                      | D0EH0ZX | 29,73 | Upgrade                  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify SMS and Voice One-time Password 1000 Event Advanced Support per Month                                                                                              | E0G9UZX | 29,66 | Saas                     |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch RAM Gigabyte-Month Pay Per Use                                                                                                           | D206ULL | 29,59 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months                                                              | E0BY0LL | 29,51 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 8x64 VSI Shared Instance (8 CPU, 64 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use                                                         | D01S2ZX | 29,38 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM OS Image for AIX Systems Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                                                               | E0D2VLL | 29,22 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 4x16 VSI Dedicated Instance (4 CPU, 16 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use                                                      | D01RGZX | 29,09 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Govern Employee Overage                                                                                                                                     | D1XDPLL | 28,98 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Eligible Participant Resource Value Unit License + SW Subscription & Support 12 Months                                                            | D0YJ1LL | 28,93 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM Application Gateway Processor Value Unit (PVU) Extended Support Subscription License                                                                                       | X0GZ8ZX | 28,89 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Extended Data Retention 10 Year Gigabyte Advanced Support per Month                                                                | E0E0SZX | 28,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services File Transfer Service Extended Data Retention-10 Year Gigabyte Advanced Support per Month                                                                | E0E0MZX | 28,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF - Standard Edition Resource Value Unit Monthly License                                                                                                        | D191ALL | 28,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment per Authorized User Annual Software Service & Support Renewal                                               | E0F4XLL | 28,78 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | FlexNet Manager for Data Centers - Flexera One with IBM Observability on Prem Managed Virtual Server Subscription License                                                      | D0ET5ZX | 28,73 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics Engine Mem Intensive Plus Compute Node Hourly Instance-Hour Pay per Use                                                                                          | D050MZX | 28,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics Engine Mem Intensive Plus Management Node Hourly Instance-Hour Pay per Use                                                                                       | D050NZX | 28,68 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Managed Server Monitoring for Non-Referenced Programs via FTP Logs Non-Production Environment Processor Value Unit (PVU) Monthly License 12 Months | D224ELL | 28,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix OnLine Extended Edition Registered User Monthly License                                                                                                           | D19PULL | 28,49 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 Non-Production Processor Value Unit Annual SW Subscription & Support Renewal 12 Months                                                 | E0QQALL | 28,47 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 8x32 Public Instance (8 CPU, 32 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use                                                               | D1XCGLL | 28,42 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Business Plus with Zones Premier Support Services per User per Month                                                                                                       | D1NZVLL | 27,99 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Application Suite as a Service for Other Public Clouds AppPoint Advanced Support 12 Months                                                                          | E0ECPZX | 27,99 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF License Scheduler Resource Value Unit Monthly License                                                                                                         | D02Z2ZX | 27,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Connect Unlimited Edition for System i Processor Value Unit (PVU) Monthly License                                                                                      | D1MRNLL | 27,78 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector HSA Feed Subscription License                                                                                                           | D0BIUZX | 27,72 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Dedicated Netflow Collector LAB Feed Subscription License                                                                                                           | D0BJEZX | 27,72 | Assinatura                |

|      |    |                                                |      |      |                                                                                                                                 |         |       |                           |
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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service VSI 4x32 Dedicated Instance (4 CPU, 32 GB RAM, 100 GB HD) per 10 Instance-Hours Pay per Use        | D02T1ZX | 27,61 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud VSI 4x32 Dedicated Instance (4 CPU, 32 GB RAM, 100 GB HD) per 10 Instance-Hours Pay per Use      | D02T3ZX | 27,61 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Non-Production Processor Value Unit (PVU) Annual SW S&S Rnwl | E08S0ZX | 27,59 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Intelligent Operations Center Managed Object Resource Value Unit Annual SW Subscription & Support Renewal                   | E0M4JLL | 27,53 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF RTM Data Collectors Resource Value Unit Initial Fixed Term License + SW Subscription & Support 12 Months       | D02YTZX | 27,47 | Temporária com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF RTM Data Collectors Resource Value Unit Subsequent Fixed Term License + SW Subscription & Support 12 Months    | E02YYZX | 27,47 | Temporária com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Essentials Suite (Saas) Managed Client Device Overage                                                               | D1P3HLL | 27,36 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Data Scanned Terabyte-Month Pay per Use                                                                               | D00L0ZX | 27,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for etcd RAM Gigabyte-Month Pay Per Use                                                                     | D206JLL | 27,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for PostgreSQL RAM Gigabyte-Month Pay Per Use                                                               | D206ELL | 27,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Redis RAM Gigabyte-Month Pay Per Use                                                                    | D206PLL | 27,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Messages for RabbitMQ RAM Gigabyte-Month Pay Per Use                                                                  | D2074LL | 27,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Registry storage per 100 Gigabyte-Month Pay per Use                                                                         | D1SL1LL | 27,31 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 8x32 VSI Public Instance (8 CPU, 32 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use          | D01RQZX | 27,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Observability by Instana Infrastructure Quality Monitoring Managed Virtual Server Advanced Support Subscription License     | Z29RRLl | 26,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM watsonx.ai Inference for Foundation Models Class 3 Essentials 1000 Resource Units Pay per Use                               | D0FRBZX | 26,86 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM watsonx.ai Inference for Foundation Models Class 3 Standard 1000 Resource Units Pay per Use                                 | D0FRAZX | 26,86 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM InfoSphere Data Replication for Non-Production Environments Processor Value Unit (PVU) Subscription License                 | D29Q5LL | 26,84 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand for i PDF Indexer Processor Value Unit (PVU) Annual SW Subscription & Support Renewal              | E08LHLL | 26,78 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand PDF Indexer Multiplatforms Processor Value Unit (PVU) Annual SW Subscription & Support Renewal     | E01ZMLL | 26,78 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Base Server for Non-Production Environment Processor Value Unit (PVU) Monthly License                       | D17R8LL | 26,78 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Performance Management Managed Client Device Annual SW S&S Rnwl                                              | E08PUZX | 26,71 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Network Manager Managed Client Device SW Subscription & Support Reinstatement 12 Months                                     | D28UULL | 26,53 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Advanced Mobile Access for IBM Cloud Bronze Ten Thousand Events Pay                                                         | D1GD1LL | 26,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Dashboard Embedded 100 Item Pay per Use                                                                              | D00EDZX | 26,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Continuous Integration for IBM Cloud 100 Minutes Pay Per Use                                                                | D15VCLL | 26,50 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Document Conversion for IBM Cloud 100 Megabyte-Month Pay Per Use                                                     | D1KLNLL | 26,50 | Saas                      |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Monitoring Add On for IBM Retail Store Server Processor Value Unit (PVU) Annual SW Subscription & Support Renewal 12 Months | EOQEALL | 26,47 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Govern Employee per Month                                                                                    | D1XDSLL | 26,36 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Support Enablement for Box per Application Instance per Month                                                               | D1N92LL | 26,36 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Advanced Statistics Academic Authorized User Advanced Support Subscription Lic                              | Z0F9AZX | 26,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Categories Academic Authorized User Advanced Support Subscription Lic                                       | Z0F9RZX | 26,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Complex Samples Academic Authorized User Advanced Support Subscription Lic                                  | Z0F9ZZX | 26,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Conjoint Academic Authorized User Advanced Support Subscription Lic                                         | Z0FA7ZX | 26,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Custom Tables Academic Authorized User Advanced Support Subscription Lic                                    | Z0FAFZX | 26,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Decision Trees Academic Authorized User Advanced Support Subscription Lic                                   | Z0FANZX | 26,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Direct Marketing Academic Authorized User Advanced Support Subscription Lic                                 | Z0FAWZX | 26,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Exact Tests Academic Authorized User Advanced Support Subscription Lic                                      | Z0FB4ZX | 26,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Forecasting Academic Authorized User Advanced Support Subscription Lic                                      | Z0FBCZX | 26,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Missing Values Academic Authorized User Advanced Support Subscription Lic                                   | Z0FBKZX | 26,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Neural Networks Academic Authorized User Advanced Support Subscription Lic                                  | Z0FBTZX | 26,34 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Regression Academic Authorized User Advanced Support Subscription Lic                                       | Z0FC1ZX | 26,34 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Knowledge Accelerator for Financial Services Per Resource Value Unit Advanced Support Subscription License                  | Z28XHLL | 26,22 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Automated Network Observability Managed Client Device Monthly License                                                | D0GK4ZX | 26,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server for Data Integration for Data Warehousing Processor Value Unit (PVU) Monthly License          | D19HSLL | 26,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Log Archival 100 Events Per Second Advanced Support per Month                                               | E0E05ZX | 26,12 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (65-100) Advanced Support Subscription License                                  | Z07NSZX | 26,09 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Pack for Supply Chain EDI for Non Production Processor Value Unit (PVU) Monthly License             | D1L54LL | 26,07 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | Motio CI Upgrade Environment Processor Value Unit Subscription License                                                          | D29MCLL | 26,07 | Upgrade                  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Client Device Monthly License                                                                               | D1IMELL | 25,83 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Extended Edition Client Device Monthly License                                                              | D1INXLL | 25,83 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for SAN Client Device Monthly License                                                                       | D1IUILL | 25,83 | Saas                     |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Enterprise Edition User Value Unit Subscription License                                             | D29AELL | 25,83 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Encryption Offering for DB2 Express Server Edition Authorized User Single Install Monthly License                              | D1CWULL | 25,77 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway Suite (Saas) Authorized User Overage                                                                               | D1AKXLL | 25,68 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Wazi Image Builder Authorized User Single Session Annual SW Subscription & Support Renewal                                         | E0EBZX  | 25,58 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-NAESB Document Overage                                                                         | D086QZX | 25,50 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Edge Application Manager BASE Install Extended Support Subscription License                                                        | X0BKJZX | 25,46 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM MQ High Availability Replica Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                                   | E0ALULL | 25,46 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect Bundle Active User Annual Subscription                                                                    | D02SAZX | 25,44 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Knowledge Accelerator for Insurance per Resource Value Unit Advanced Support Subscription License                                  | Z28XGLL | 25,39 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 64x512 VSI Shared Instance (64 CPU, 512 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                | D01S1ZX | 25,38 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Identity and Access Manager for Linux on System z' User Value Unit Monthly License                                        | D18J3LL | 25,33 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Identity and Access Manager User Value Unit Monthly License                                                               | D18J4LL | 25,33 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise 1000 Document Pay per Use                                                                              | D04XNZX | 25,33 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Discovery Enterprise 1000 Queries Pay per Use                                                                               | D04XKZX | 25,33 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Transformation Extender Pack for SAP Applications for Non Production Processor Value Unit (PVU) Monthly License                    | D1PTILL | 25,27 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module per User Value Unit Annual SW Subscription & Support Renewal | E0LLGLL | 25,23 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Cognos Analytics Viewer Reserved Authorized User Extended Support Subscription License                          | X09LRZX | 25,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex Performance Additional Compute 24 Virtual Processor Core-Hours Pay Per Use                             | D1WKNLL | 25,13 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex Performance for AWS Paygo Additional Compute 24 Virtual Processor Core-Hours Pay per Use               | D01M8ZX | 25,13 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Privilege Vault Remote On-Premises User Value Unit                                                                 | D29T5LL | 25,13 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Base Campus Edition Academic Campus Value Unit Extended Support Subscription Lic                                   | X0F9FZX | 25,08 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Essentials Suite (Saas) Managed Client Device per Month                                                                    | D1P3GLL | 24,87 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Operational Reports Additional Item Pay Per Use                                                          | D045FZX | 24,87 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Application Performance Management Base Average Managed Virtual Server Advanced Support per Month                            | E0E5IZX | 24,81 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 64x512 Shared Instance (64 CPU, 512 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                      | D21YYLL | 24,77 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloud Cost Optimization - Flexera One with IBM Observability Managed Virtual Server Advanced Support per Month                         | E0GB9ZX | 24,75 | Saas                     |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Authorized User Overage                                                                                    | D1Q8FLL | 24,75 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming Viewer Authorized User Pay per Use                                                                           | D08ZPZX | 24,75 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect Extended Edition 10 Processor Value Units (PVUs) Monthly License                                                        | D1IMFLL | 24,69 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Connect-Express Premium Edition Processor Value Unit (PVU) Monthly License                                                     | D1YK5LL | 24,58 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex Instance-Hour Pay per Use                                                                                   | D1WKILL | 24,57 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Directory Standard Edition Non-Production Processor Value Unit (PVU) Monthly License                                    | D1K0BLL | 24,46 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Daeja ViewONE Virtual Module for Permanent Redaction Authorized User Value Unit Monthly License                                         | D1HFQLL | 24,27 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling Order Management Software Store Add on Certified Container Resource Value Unit Advanced Support Subscription License               | Z28LSLL | 24,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services File Transfer Service Partner Support Entity ID Advanced Support per Month                                            | E0E0HZX | 24,07 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Archive Enterprise Edition - Archive File Access Processor Value Unit (PVU) Monthly License                            | D0D9HZX | 23,96 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Trust Active User per Annum                                                                                             | D086TZX | 23,90 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Advanced Agile Discovery Managed Device Monthly License                                                                                 | D28UILL | 23,83 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Merge Backup Processor Value Unit (PVU) Monthly License                                                                             | D197VLL | 23,83 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Informix Express Edition CPU Option Processor Value Unit (PVU) Monthly License                                                          | D19QFLL | 23,83 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Virtual Private Network for Virtual Private Cloud 100 Instance-Hours Pay per Use                                                            | D00VKZX | 23,82 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Server Standard for Non-Production Environment Processor Value Unit Subscription License Upgrade                        | D0EHCZX | 23,77 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Snapshot Terabyte (33-64) Advanced Support Subscription License                                                         | Z07R2ZX | 23,71 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Snapshot Terabyte (65-100) Extended Support Subscription License                                                        | X07R0ZX | 23,64 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Control Desk Internal Service Provider Edition Authorized User Extended Support Subscription License                                    | X07FRZX | 23,46 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Ed Federation Module Non-Production AOS Processor Value Unit (PVU) Extended Support Subscription License | X0BPGZX | 23,43 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet eForms Desktop Client Device Annual SW Subscription & Support Renewal                                                           | E053DLL | 23,39 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Business Plus Premier Support Services per User 3rd Party per Month                                                                     | D1JY7LL | 23,32 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway Suite (Saas) Authorized User per Month                                                                                  | D1AKWLL | 23,32 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation as a Service IVA Concurrent Connection Advanced Support per Month                                            | E0E6ZZX | 23,32 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud OCP hourly license vCPUs per 100 Instance-Hour Pay per Use                                                   | D047MZX | 23,30 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Rational Spatial Integration Adapter Processor Value Unit (PVU) Monthly License                                                         | D19QPLL | 23,19 | Saas                     |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Optim High Performance Unload for Db2 Processor Value Unit (PVU) Monthly License                                                                                                                                     | D19A0LL | 23,12 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (101-250) Extended Support Subscription License                                                                                                                          | X07NRZX | 23,08 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Data Shield 10 Instance-Hours Pay per Use                                                                                                                                                                      | D020ZZX | 23,05 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System Automated Observability Item SW S&S Reinstate 12 Mo                                                                                                                                 | D0GIKZX | 22,96 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Storage Charges (4 IOPs per GB) per 10 Item Pay per Use                                                                                                                                             | D1VLNLL | 22,90 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum LSF Standard Edition Resource Value Unit Subscription License                                                                                                                                               | D28FDLL | 22,82 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | Transformation Extender Processor Value Unit (PVU) Extended Support Subscription Lic                                                                                                                                     | X07P4ZX | 22,82 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Governance Lifecycle User Value Unit Monthly License                                                                                                                                                 | D1K0JLL | 22,75 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Control Center Monitor for Transformation Extender Advanced Non-Production Environment Processor Value Unit Monthly License                                                                                          | D1VBSLL | 22,57 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Network Management PA Managed Virtual Server Annual SW S&S Rnwl                                                                                                                           | E0JS7LL | 22,57 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | SingleStoreDB as a Service with IBM - Dedicated Resource Unit Overage                                                                                                                                                    | D0CTVZX | 22,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | SingleStoreDB as a Service with IBM - Premium Resource Unit Overage                                                                                                                                                      | D0CTXZX | 22,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | SingleStoreDB as a Service with IBM - Standard Resource Unit Overage                                                                                                                                                     | D0CTZZX | 22,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Standard for Platform Symphony Resource Value Unit Monthly License                                                                                                                                      | D02YHZX | 22,51 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud OCP hourly license for VSI per vCPU 100 Instance-Hours Pay per Use                                                                                                                        | D072CZX | 22,34 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 56x448 VSI Shared Instance (56 CPU, 448 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                                                                                                  | D01S0ZX | 22,29 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Information Server Enterprise Hypervisor Edition for AIX for Non-Production Environments - AIX License Required for Revenue Splitting Processor Value Unit (PVU) Annual SW Subscription & Support Renewal | E0I7JLL | 22,20 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF License Scheduler Resource Value Unit Subscription License                                                                                                                                              | D02Z3ZX | 22,17 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Base Server for Non-Production Environment Processor Value Unit Subscription License                                                                                                                 | D0EH3ZX | 22,13 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Resource-Document Conversion Service-Document per Month Overage                                                                                                                  | D00B0ZX | 22,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Log Analysis Log Search 2GB per day Log Search Instance Pay per Use                                                                                                                                            | D1UF0LL | 21,84 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Talent Frameworks Refresh Employee Remotely Delivered Data Service                                                                                                                                                   | D0BLQZX | 21,84 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for SAP Applications External User Value Unit License + SW Subscription & Support 12 Months                                                                                                        | D0E09LL | 21,82 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Enterprise Edition Eligible Participant Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                                                                        | D12ETLL | 21,82 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Enterprise Gigabyte Transmitted Overage                                                                                                                                                              | D04PZZX | 21,77 | Saas                      |



|      |    |                                                |      |      |                                                                                                                                                          |         |       |                          |
|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect and Verify Bundle Employee Overage                                                                                            | D224TLL | 21,77 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect for ISAM 100 Employee Overage                                                                                                 | D224MLL | 21,77 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect for ISAM 1000 Eligible Participant Overage                                                                                    | D01SPZX | 21,77 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Eligible Participant Resource Value Unit SW Subscription & Support Reinstatement 12 Months                                   | D11JWLL | 21,75 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                   | E09PHLL | 21,75 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Categories Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                            | E09PELL | 21,75 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Complex Samples Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                       | E09PCLL | 21,75 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Conjoint Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                              | E09PALL | 21,75 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Custom Tables Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                         | E09P8LL | 21,75 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Data Preparation Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                      | E09P6LL | 21,75 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Decision Trees Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                        | E09QELL | 21,75 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                      | E09QGLL | 21,75 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Exact Tests Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                           | E09RRLl | 21,75 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Forecasting Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                           | E09RVLL | 21,75 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Missing Values Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                        | E09RMLL | 21,75 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Neural Networks Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                       | E09RGLL | 21,75 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SPSS Regression Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                            | E09RYLL | 21,75 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM STATS SPSS Bootstrapping Server for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                   | E09PGLL | 21,75 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Application Gateway Processor Value Unit (PVU) Advanced Support Subscription License                                                                 | Z0GZ8ZX | 21,70 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Privilege Manager On-Premises Non-Production for Client per Managed Client Device Annual SW Subscription & Support Renewal 12 Months | E05YGZX | 21,68 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Privilege Manager On-Premises for Server Managed Virtual Server                                                                      | D29SZLL | 21,60 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 56x448 Shared Instance (56 CPU, 448 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                                        | D21YXLL | 21,59 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Server for Data Quality and Governance for Data Warehousing Processor Value Unit (PVU) Monthly License                        | D19HQLL | 21,51 | Saas                     |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect Managed DNS Job Overage                                                                                 | D0GNJZX | 21,45 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Advanced Agile Discovery Managed Client Device License + SW Subscription and Support 12 Months                      | D28U0LL | 21,38 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Ext User User Value Unit Annual SW Subscription & Support Renewal              | E054KLL | 21,38 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Authorized User Per Month                                                              | D1Q8ELL | 21,35 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Advanced Statistics Academic Campus Value Unit Extended Support Subscription Lic                    | X0F97ZX | 21,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Amos Campus Edition Campus Value Unit Extended Support Subscription Lic                             | X0FCQZX | 21,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Categories Academic Campus Value Unit Extended Support Subscription Lic                             | X0F9NZX | 21,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Complex Samples Academic Campus Value Unit Extended Support Subscription Lic                        | X0F9WZX | 21,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Conjoint Academic Campus Value Unit Extended Support Subscription Lic                               | X0FA4ZX | 21,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Custom Tables Academic Campus Value Unit Extended Support Subscription Lic                          | X0FACZX | 21,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Decision Trees Academic Campus Value Unit Extended Support Subscription Lic                         | X0FAKZX | 21,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Direct Marketing Academic Campus Value Unit Extended Support Subscription Lic                       | X0FATZX | 21,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Exact Tests Academic Campus Value Unit Extended Support Subscription Lic                            | X0FB1ZX | 21,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Forecasting Academic Campus Value Unit Extended Support Subscription Lic                            | X0FB9ZX | 21,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Missing Values Academic Campus Value Unit Extended Support Subscription Lic                         | X0FBHZX | 21,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Neural Networks Academic Campus Value Unit Extended Support Subscription Lic                        | X0FBQZX | 21,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Regression Academic Campus Value Unit Extended Support Subscription Lic                             | X0FByZX | 21,32 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | Motio CI Upgrade Environment Authorized User Subscription License                                                       | D29M8LL | 21,32 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-NAESB Document per Month                                                        | D086PZX | 21,27 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System Item SW S&S Reinstate 12 Mo                                                        | D0BJKZX | 21,20 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Virtual Private Network 100 Connection-Hour Pay Per Use                                                             | D1LHZLL | 21,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Virtual Private Network for Virtual Private Cloud 100 Connection-Hour Pay per Use                                       | D00VJZX | 21,18 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Application Performance Management, Availability Monitoring Million Items Advanced Support per Month          | E0E5EZx | 21,14 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Actiance Vantage Saas Suite Authorized User 3rd Party per Month                                                         | D1JW3LL | 21,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Master Data Management Individual Hub - Standard Edition Limited Use Resource Value Unit Monthly License | D1GNZLL | 21,01 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Single-Function User Value Unit Monthly License                                                           | D1QXQLL | 21,01 | Saas                      |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Session Scheduler Resource Value Unit Monthly License                                             | D02Z9ZX | 21,01 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Processor Value Unit (PVU) Extended Support Subscription License                              | X04QIZX | 20,88 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Automated Network Observability Managed Client Device Subscription License                              | D0GK6ZX | 20,88 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - Log Insights Data Retention Gigabyte-Day Subscription per Month                        | D0DQUZX | 20,83 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Agile Service Manager 10 Managed Client Devices Monthly License                     | D1TL4LL | 20,82 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Workload Automation 10 Monthly Jobs Monthly License                                                     | D18YFLL | 20,68 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AIOps Insights Add-On Storage 10 Gigabytes Overage                                                             | D0ET3ZX | 20,53 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Management Suite (Saas) Managed Client Device Overage                                                  | D1AJXLL | 20,53 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Device Management (Saas) Managed Client Device Overage                                          | D1AIILL | 20,53 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Productivity Suite (Saas) Managed Client Device Overage                                                | D1AKGLL | 20,53 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex for AWS Paygo Instance-Hour Pay per Use                                            | D01MBZX | 20,52 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM InfoSphere Optim Data Growth Solution - Archive File Access Processor Value Unit (PVU) Annual SW S&S Rnwl      | E06YYZX | 20,39 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud for Federal Storage 1 Gigabyte monthly subscription with support             | D1B6TLL | 20,28 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Voice Agent with Watson digital message 1000 Digital Messages Pay per Use                                      | D01N8ZX | 20,27 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Modernization Reserved Authorized User Extended Support Subscription License           | X09J5ZX | 20,07 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Maximo Archiving with Optim Data Growth Solution Per 100 Tickets Extended Support Subscription License         | X2A24LL | 19,95 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for Sterling Secure Proxy Processor Value Unit (PVU) Monthly License 12 Months | D1FRCLL | 19,95 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect and Verify Bundle Employee Monthly Subscription                                         | D2240LL | 19,78 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect for ISAM 100 Employee Monthly Subscription                                              | D223VLL | 19,78 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect for ISAM 1000 Eligible Participant per Month                                            | D01SNZX | 19,78 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Snapshot Terabyte (101-250) Extended Support Subscription License                              | X07QXZX | 19,70 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Governance Compliance User Value Unit Monthly License                                          | D1IZGLL | 19,68 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Observability by Databand Resource Unit Advanced Support per Month                                        | E0DXKZX | 19,46 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | SevOne Network Performance Management Managed device Extended Support Subscription License                         | X08PSZX | 19,44 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Connect-Direct Premium Edition Processor Value Unit (PVU) Monthly License                             | D1K22LL | 19,39 | Saas                     |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Telco Network Cloud Manager - Performance Managed Client Device SW Subscription and Support Renewal 12 Months               | E0R33LL | 19,37 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Management Advanced Portal Developer Active User Pay Per Use                                                            | D1HKGLL | 19,30 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex Performance Additional Storage 2400 Gigabyte-Hours Pay Per Use                                  | D1WKMLL | 19,20 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex Performance for AWS Paygo Additional Storage 2400 Gigabyte-Hours Pay per Use                    | D01M9ZX | 19,20 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 48x384 VSI Shared Instance (48 CPU, 384 GB RAM, 100 GB HD) per Instance-Hour Pay per Use         | D01RZZX | 19,20 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 BLU Acceleration In-Memory Offering for DB2 Workgroup Server Edition Processor Value Unit (PVU) Monthly License         | D1CX9LL | 19,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Business Application Continuity Offering for DB2 Workgroup Server Edition Processor Value Unit (PVU) Monthly License    | D1CXELL | 19,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Encryption Offering for DB2 Workgroup Server Edition Processor Value Unit (PVU) Monthly License                         | D1CWSLL | 19,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Edge Application Manager BASE Install Advanced Support Subscription License                                                 | Z0BKJZX | 19,12 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Advanced Agile Discovery Managed Device Subscription License                                                                | D28UGLL | 19,06 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for AIOps - Network Configuration Manager Managed device Subscription License                                     | D28N5LL | 19,06 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps - Network Configuration Manager Managed Device Subscription License                              | D28N0LL | 19,06 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Telco Network Cloud Manager - Performance Reserved Managed device Extended Support Subscription License                     | X08DBZX | 19,06 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data Cognos Analytics Viewer Reserved Authorized User Advanced Support Subscription License                   | Z09LRZX | 18,87 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | SingleStoreDB as a Service with IBM - Dedicated Resource Unit per Annum                                                         | D0CTUZX | 18,82 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | SingleStoreDB as a Service with IBM - Premium Resource Unit per Annum                                                           | D0CTWZX | 18,82 | Saas                     |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | SingleStoreDB as a Service with IBM - Standard Resource Unit per Annum                                                          | D0CTYZX | 18,82 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Base Campus Edition Academic Campus Value Unit Advanced Support Subscription Lic                            | Z0F9FZX | 18,81 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Cartridge for IBM Cloud Pak for Data Authorized User Extended Support Subscription License          | X03INZX | 18,69 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Cartridge for IBM Cloud Pak for Data Reserved Authorized User Extended Support Subscription License | X09J9ZX | 18,69 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AIOps Insights Add-On Storage 10 Gigabytes per Month                                                                        | D0ET2ZX | 18,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Management Suite (Saas) Managed Client Device per Month                                                             | D1AJWLL | 18,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Device Management (Saas) Managed Client Device per Month                                                     | D1AI1LL | 18,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Productivity Suite (Saas) Managed Client Device per Month                                                           | D1AKELL | 18,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Observability by Instana Infrastructure Quality Monitoring Saas Managed Virtual Server Advanced Support per Month           | E0DV9ZX | 18,65 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 48x384 Shared Instance (48 CPU, 384 GB RAM, 100 GB HD) per Instance-Hour Pay per Use               | D21YWLL | 18,64 | Saas                     |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 2x4 Dedicated Instance (2 CPU, 4 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use                                             | D1SL8LL | 18,60 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 56x242 Dedicated Instance (56 CPU, 242 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                                          | D1SLCLL | 18,39 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Advanced Edition with Informix Database Processor Value Unit (PVU) Monthly License                                          | D1951LL | 18,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Advanced Processor Value Unit (PVU) Monthly License                                                                         | D1955LL | 18,37 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Resource-Document Conversion Service-Document per Month                                                               | D00B1ZX | 18,35 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service VSI 4x32 Shared Instance (4 CPU, 32 GB RAM, 100 GB HD) per 10 Instance-Hours Pay per Use                                         | D02T2ZX | 18,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud VSI 4x32 Shared Instance (4 CPU, 32 GB RAM, 100 GB HD) per 10Instance-HoursPay per Use                                         | D02T4ZX | 18,29 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Adaptive Access Employee Overage                                                                                                           | D021GZX | 18,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Analyze Employee Overage                                                                                                                   | D01XDZX | 18,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect Employee Overage                                                                                                                   | D1SNHLL | 18,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Verify Employee Overage                                                                                                                    | D1SNELL | 18,16 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Standard for Symphony Resource Value Unit Subscription License                                                                               | D02YIZX | 18,06 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud App Management Extension Pack Managed Container Monthly License                                                                                     | D22YLLL | 17,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Single-Function User on Cloud Authorized User Overage                                                                                           | D026TZX | 17,91 | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect for Connections Overage 100 Connections Subscription per Annum                                                                   | D232SLL | 17,87 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for B2B Integrator Basic and Standard for Non-Production Environment Processor Value Unit (PVU) Monthly License 12 Months | D1FQZLL | 17,80 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Snapshot Terabyte (65-100) Advanced Support Subscription License                                                                          | Z07R0ZX | 17,75 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 56x242 VSI Dedicated Instance (56 CPU, 242 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                                    | D01RIZX | 17,74 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Db2 Non-Production Authorized User Monthly License                                                                        | D26WFLL | 17,73 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System HSA Item LIC + SW S&S 12 MO                                                                                              | D0BJNZX | 17,69 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System LAB Item LIC + SW S&S 12 MO                                                                                              | D0BJTZX | 17,69 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Turbonomic Application Resource Management Managed Virtual Server Advanced Support 12 Months                                                              | E0ECQZX | 17,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - Log Insights Gigabyte-Day Overage                                                                                                 | D0DQRZX | 17,47 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition per User Value Unit MONTHLY LICENSE                                                                                | D1GTFLl | 17,43 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (101-250) Advanced Support Subscription License                                                               | Z07NRZX | 17,31 | Assinatura                |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Eligible Participant Resource Value Unit SW Subscription & Support Reinstatement 12 Months        | D0YJ2LL | 17,30 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Availability Monitoring Million Items Pay Per Use                                                                    | D1P2RLL | 17,23 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Non-Production Authorized User Monthly License              | D08SAZX | 17,23 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Netcool Operations Insight Agile Service Manager Managed Virtual Server Annual SW Subscription & Support Renewal 12 Months | E0NP5LL | 17,23 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Flexera One Complete Platform - Flexera One with IBM Observability Managed Client Device Advanced Support per Month            | E0GB8ZX | 17,22 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Service (Saas) Authorized User Overage                                                                     | D1AJFLL | 17,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Apps (Saas) Authorized User Overage                                                                    | D1AMYLL | 17,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Browser (Saas) Authorized User Overage                                                                 | D1AHDLL | 17,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Documents (Saas) Authorized User Overage                                                               | D1AGKLL | 17,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Application Security (Saas) Authorized User Overage                                                         | D1AMILL | 17,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Content Management (Saas) Authorized User Overage                                                           | D1ANELL | 17,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Document Sync (Saas) Authorized User Overage                                                                | D1AFTLL | 17,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Threat Management (Saas) Authorized User Overage                                                            | D1AJTLL | 17,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Secure Mobile Browser (Saas) Authorized User Overage                                                               | D1AH1LL | 17,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 2x4 VSI Dedicated Instance (2 CPU, 4 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use        | D01RDZX | 17,07 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Operations Management Managed Virtual Server Monthly License                                    | D18Z5LL | 17,06 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise Processor Value Unit Extended Support Subscription License                                          | X287PLL | 17,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Platinum Backup Storage 100 Gigabyte-Months Pay per Use                                  | D0F1RZX | 16,87 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF Session Scheduler Resource Value Unit Subscription License                                                    | D02ZAZX | 16,86 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for NAS per Authorized User Monthly License                                              | D1X5XLL | 16,81 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Service Storage (Saas) Gigabyte Advanced Support per Month                                                 | E0G6BZX | 16,79 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Enterprise Suite Saas Authorized User Advanced Support per Month                                                   | E0GEZZX | 16,79 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Manager Active Edition Add-on Ext User User Value Unit Annual SW Subscription & Support Renewal              | E0546LL | 16,59 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Image Services Ext User User Value Unit Annual SW Subscription & Support Renewal                                   | E050QLL | 16,59 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Adaptive Access Employee per Month                                                                          | D021FZX | 16,48 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Analyze Employee Monthly Subscription                                                                       | D01XCZX | 16,48 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Connect Employee per Month                                                                                  | D1SNFLL | 16,48 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Identity Verify Employee per Month w/Support                                                                         | D1SNDLL | 16,48 | Saas                     |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Backup Storage 100 Gigabyte-Months Pay Per Use                 | D206WLL | 16,37 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Enterprise Backup Storage 100 Gigabyte-Months Pay per Use      | D0DH1ZX | 16,37 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for EnterpriseDB Backup Storage 100 Gigabyte-Months Pay per Use                  | D02LMZX | 16,37 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for etcd Backup Storage 100 Gigabyte-Months Pay Per Use                          | D206LLL | 16,37 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MongoDB Backup Storage 100 Gigabyte-Months Pay Per Use                       | D2071LL | 16,37 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MongoDB Enterprise Backup Storage 100 Gigabyte-Months Pay Per Use            | D27KLLL | 16,37 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MySQL Backup Storage per Month 100 Gigabyte-Months Pay Per Use               | D234SLL | 16,37 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for PostgreSQL Backup Storage 100 Gigabyte-Months Pay Per Use                    | D206GLL | 16,37 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Redis Backup Storage 100 Gigabyte-Months Pay Per Use                         | D206RLL | 16,37 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Messages for RabbitMQ Backup Storage 100 Gigabyte-Months Pay Per Use                       | D2076LL | 16,37 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Citizen Engagement per Resource Value Unit Annual SW Subscription & Support Renewal        | E0N75LL | 16,30 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages Single-Function User on Cloud Authorized User Subscription Per Month                   | D026SZX | 16,30 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Advanced Statistics Academic Campus Value Unit Advanced Support Subscription Lic | Z0F97ZX | 16,30 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Amos Campus Edition Campus Value Unit Advanced Support Subscription Lic          | Z0FCQZX | 16,30 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Categories Academic Campus Value Unit Advanced Support Subscription Lic          | Z0F9NZX | 16,30 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Complex Samples Academic Campus Value Unit Advanced Support Subscription Lic     | Z0F9WZX | 16,30 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Conjoint Academic Campus Value Unit Advanced Support Subscription Lic            | Z0FA4ZX | 16,30 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Custom Tables Academic Campus Value Unit Advanced Support Subscription Lic       | Z0FACZX | 16,30 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Decision Trees Academic Campus Value Unit Advanced Support Subscription Lic      | Z0FAKZX | 16,30 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Direct Marketing Academic Campus Value Unit Advanced Support Subscription Lic    | Z0FATZX | 16,30 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Exact Tests Academic Campus Value Unit Advanced Support Subscription Lic         | Z0FB1ZX | 16,30 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Forecasting Academic Campus Value Unit Advanced Support Subscription Lic         | Z0FB9ZX | 16,30 | Assinatura               |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Missing Values Academic Campus Value Unit Advanced Support Subscription Lic                     | Z0FBHZX | 16,30 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Neural Networks Academic Campus Value Unit Advanced Support Subscription Lic                    | Z0FBQZX | 16,30 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Regression Academic Campus Value Unit Advanced Support Subscription Lic                         | Z0FBYZX | 16,30 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Eligible Participant Resource Value Unit Annual SW Subscription & Support Renewal    | E0IHRLL | 16,24 | Manutenção após Vigência |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Detect for Connections 100 Connections Subscription per Annum                                 | D232RLL | 16,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IT Asset Management Plus - Flexera One with IBM Observability Managed Client Device Advanced Support per Month      | E0GB6ZX | 16,17 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum Protect for Workstations - Starter Edition Client Device Monthly License                               | D1SILL  | 16,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Microsoft Office Employee User Value Unit Monthly License    | D1G8XLL | 16,08 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Daeja ViewONE Virtual and Professional Modules for Permanent Redaction Employee User Value Unit Monthly License | D1HFWLL | 16,08 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Object Storage plan 1 100 Gigabyte-Month Pay per Use                                                            | D1KW5LL | 16,06 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 4x16 Shared Instance (4 CPU, 16 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use    | D1SL4LL | 16,01 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ for Non-Production Environment Processor Value Unit (PVU) Monthly License                                    | D0ETJZX | 15,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Advanced Mobile Access for IBM Cloud Gold 100 Daily Client Devices Pay                                          | D1GD0LL | 15,91 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Enterprise Compute 10 Virtual Processor Core-Hour Pay per Use                                      | D02GUZX | 15,91 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Geospatial Analytics for IBM Cloud Million Events per month Pay Per Use                                         | D1CHJLL | 15,91 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Monitoring and Analytics for IBM Cloud 100 Application Instance-Hour Pay Per Use                                | D15VELL | 15,91 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Natural Language Classifier for IBM Cloud Event Pay Per Use                                              | D1HYULL | 15,91 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Trade Off Analytics for IBM Cloud 100 API calls Pay Per Use                                              | D1GXFLL | 15,91 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Snapshot Terabyte (251+) Extended Support Subscription License                                  | X07R1ZX | 15,80 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | Motio CI Inventory Processor Value Unit Subscription License                                                        | D29MXLL | 15,80 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect Virtual Servers Disk 10000 Gigabyte-Hours Pay per Use                                       | D04S8ZX | 15,75 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | Maximo Archiving with Optim Data Growth Solution Authorized User Advanced Support Subscription License              | Z0846ZX | 15,74 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Replication Processor Value Unit (PVU) Advanced Support Subscription License                               | Z04QIZX | 15,68 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Information Governance Catalog for Data Warehousing Processor Value Unit (PVU) Monthly License       | D19HULL | 15,61 | Saas                     |



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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Monitoring and Support for Java Desktop Authorized User Monthly License                                                                                   | D223NLL | 15,61 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 56x242 VSI Shared Instance (56 CPU, 242 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                                       | D01RJZX | 15,56 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Governance Platinum Support Services per User 3rd Party per Month                                                                                         | D1JYELL | 15,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Keysafe KMS Custom Key Store Premier Support Services User 3rd Party per Month                                                                            | D01QEZX | 15,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box KeySafe KMS Platinum Support Services per User 3rd Party per Month                                                                                        | D1NR3LL | 15,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Service (Saas) Authorized User per Month                                                                                                  | D1AJELL | 15,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Apps (Saas) Authorized User per Month                                                                                                 | D1AMWLL | 15,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Browser (Saas) Authorized User per Month                                                                                              | D1AHCLL | 15,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Documents (Saas) Authorized User per Month                                                                                            | D1AGJLL | 15,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Application Security (Saas) Authorized User per Month                                                                                      | D1AMHLL | 15,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Content Management (Saas) Authorized User per Month                                                                                        | D1ANCLL | 15,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Document Sync (Saas) Authorized User per Month                                                                                             | D1AFSLL | 15,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Threat Management (Saas) Authorized User per Month                                                                                         | D1AJSL  | 15,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Secure Mobile Browser (Saas) Authorized User per Month                                                                                            | D1AGZLL | 15,55 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Business Intelligence and Analytics Professional Authorized User Annual SW Subscription & Support Renewal                                           | E0E6DLL | 15,49 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Curam Universal Access Resource Value Unit Annual SW Subscription & Support Renewal                                                                       | E0E72LL | 15,49 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Suite (Saas) Managed Client Device Overage                                                                                                | D1AL8LL | 15,42 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn eInvoicing Validation Service 350 Documents Advanced Support per Month                                                | E0EBBZX | 15,42 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 56x242 Shared Instance (56 CPU, 242 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                                             | D1SL7LL | 15,40 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (251+) Extended Support Subscription License                                                                  | X07NNZX | 15,30 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Modernization Reserved Authorized User Advanced Support Subscription License                                                      | Z09J5ZX | 15,11 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Grad Pack Premium Authorized User Extended Support Subscription Lic                                                              | X0F92ZX | 15,05 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Base Server for Non-Production Environment Processor Value Unit Subscription License Upgrade                                              | D0EH2ZX | 15,05 | Upgrade                  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module Non-Production AOS Processor Value Unit (PVU) Extended Support Subscription License | X07JJZX | 15,00 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Guardium Central Management and Aggregation Pack Processor Value Unit (PVU) Annual SW Subscription & Support Renewal                             | E0ELXLL | 15,00 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Platform Private Cloud HDFS Storage and EDH with IBM Terabyte Subscription License                                                              | D0BGKZX | 14,93 | Assinatura               |

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| Real | 1  |                                                | PPA  | 7831 | Cloudera Data Platform Private Cloud HDFS Storage with IBM Terabyte Subscription License                                                     | D0BGJZX | 14,93 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Workload Scheduler Processor Value Unit (PVU) Monthly License                                                                            | D18NELL | 14,93 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Snapshot Terabyte (101-250) Advanced Support Subscription License                                                        | Z07QXZX | 14,80 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment Processor Value Unit (PVU) Annual SW Subscription & Support Renewal       | E0BXZLL | 14,74 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Eligible Participant Resource Value Unit from Competitor Trade Up License + SW Subscription & Support 12 Months | D0Z12LL | 14,64 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 4x16 VSI Shared Instance (4 CPU, 16 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use                       | D01RHZX | 14,64 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Platform API 1000 pack per API 3rd Party per Month                                                                                       | D1VI0LL | 14,62 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Platform MAU per Monthly Active User 3rd Party per Month                                                                                 | D1VI2LL | 14,62 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | SevOne Network Performance Management Managed device Advanced Support Subscription License                                                   | Z08PSZX | 14,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IT Asset Management - Flexera One with IBM Observability Managed Client Device Advanced Support per Month                                    | E0GB2ZX | 14,49 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IT Asset Management - Flexera One with IBM Observability Managed Client Device per Month                                                     | D09T9ZX | 14,49 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect Managed DNS Job per Month                                                                                                    | D0GNIZX | 14,31 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Telco Network Cloud Manager - Performance Reserved Managed device Advanced Support Subscription License                                  | Z08DBZX | 14,30 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Enterprise Storage 10000 Gigabyte-Hours Pay per Use                                                                         | D02GYZX | 14,29 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Standard Storage 10000 Gigabyte-Hours Pay per Use                                                                           | D02H2ZX | 14,29 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Server Standard Processor Value Unit (PVU) Extended Support Subscription License                                         | X0EH7ZX | 14,24 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex Additional Compute per 16 Virtual Processor Core-Hours Pay per Use                                           | D1WKKLL | 14,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Code Engine 5 Million API calls Pay per Use                                                                                        | D04VFZX | 14,12 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Automated Network Observability Managed Client Device Subscription License Upgrade                                                | D0GK5ZX | 14,11 | Upgrade                  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Cartridge for IBM Cloud Pak for Data Authorized User Advanced Support Subscription License                       | Z03INZX | 14,05 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Viewer Cartridge for IBM Cloud Pak for Data Reserved Authorized User Advanced Support Subscription License              | Z09J9ZX | 14,05 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Suite (Saas) Managed Client Device per Month                                                                             | D1AL7LL | 13,99 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Navigator Enterprise External Authorized User Advanced Support per Month                                                                     | E0FZXZX | 13,99 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Db2 Processor Value Unit Monthly License                                                                 | D26W3LL | 13,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Streaming Analytics Enhanced Hourly Container Container-Hour Pay Per Use                                                                 | D1WICLL | 13,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Streaming Analytics for IBM Cloud per node Virtual Server hour Pay Per Use                                                               | D1JX8LL | 13,93 | Saas                     |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Dedicated Netflow Collector High Flow Feed Extended Support Subscription License                                        | X0BIZZX | 13,80 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Grad Pack Standard Authorized User Extended Support Subscription Lic                                  | X0F95ZX | 13,80 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Document Editor (Saas) Managed Client Device Overage                                                            | D1AG2LL | 13,68 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Risk Based Application Patching Authorized User Overage                                                                | D0F1YZX | 13,68 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Secure Mobile Mail (Saas) Managed Client Device Overage                                                                | D1AIYLL | 13,68 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 VPN (Saas) per Authorized User Overage                                                                                 | D1SU3LL | 13,68 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Application Management (Saas) Managed Client Device Overage                                                     | D1ALQLL | 13,68 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect 10 Processor Value Units (PVUs) Monthly License                                                                | D1IMALL | 13,68 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | InfSph Optim Dt Growth Soltn Orcl Appl Achv File Ac PVU Annual SW S&S Rnwl                                                         | E077BZX | 13,65 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | InfSph Optim Dt Growth Soltn Orcl Appl Achv File Ac PVU Annual SW S&S Rnwl                                                         | E077FZX | 13,65 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Management for IBM Cloud Active User Pay Per Use                                                                           | D1GMVLL | 13,48 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Processor Value Unit (PVU) Monthly License                      | D08RWZX | 13,48 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Manager On-Premises Non-Production for Server per Managed Virtual Server Monthly License             | D05YRZX | 13,48 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli System Automation for Multiplatforms Processor Value Unit (PVU) Monthly License                                         | D18P2LL | 13,35 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Storage 1 Gigabyte monthly subscription with support                                         | D1B6VLL | 13,31 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Load Balancer for Virtual Private Cloud 100 Instance-Hours Pay per Use                                                             | D00VHZX | 13,22 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack for Financial Payments PLUS Processor Value Unit (PVU) Extended Support Subscription Lic | X08UXZX | 13,17 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Storage Charges (2 IOPs per GB) per 10 Item Pay per Use                                                       | D1VLMML | 13,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic RosettaNet Processing Overage per Document                                             | D10QELL | 13,12 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for SAP Applications External User Value Unit SW Subscription & Support Reinstatement 12 Months              | D0E0ALL | 13,10 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Advanced Agile Discovery Managed Client Device SW Subscription & Support Reinstatement 12 Months                               | D28U1LL | 12,85 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise Processor Value Unit Advanced Support Subscription License                                              | Z287PLL | 12,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for AI/ops Reserved Resource Unit Extended Support Subscription Lic                                                  | X08E5ZX | 12,67 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Compute for AWS Paygo 10 Virtual Processor Core-Hour Pay per Use                                        | D0G42ZX | 12,67 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson AI/ops Resource Unit Extended Support Subscription License                                                              | X28T9LL | 12,67 | Saas                     |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Enterprise Resource Planning 10 Processor Value Units (PVUs) Extended Support Subscription License | X07D7ZX | 12,60 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Solution for Application Retirement - Archive File Access Resource Value Unit Monthly License         | D077UZX | 12,54 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Campus Premium Server Processor Value Unit (PVU) Extended Support Subscription Lic            | X0F70ZX | 12,54 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for AIOps - Network Configuration Manager Managed device SL UPGRADE                                          | D292SLL | 12,48 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps - Network Configuration Manager Managed Device Subscription License Upgrade                 | D292RLL | 12,48 | Upgrade                  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Relay Solution Platinum Support Services User 3rd Party per Month                                                      | D01QIZX | 12,44 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Flexera One Complete Platform - Flexera One with IBM Observability Managed Virtual Server Advanced Support per Month       | E0GB7ZX | 12,44 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ENTERPRISE VIDEO STREAMING GOLD EDITION Hour Overage                                                                   | D0F8JZX | 12,44 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Document Editor (Saas) Managed Client Device per Month                                                  | D1AG1LL | 12,44 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Risk Based Application Patching Authorized User per Month                                                      | D0F1XZX | 12,44 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Secure Mobile Mail (Saas) Managed Client Device per Month                                                      | D1AIXLL | 12,44 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 VPN (Saas) per Authorized User Subscription Per Month                                                          | D1SU2LL | 12,44 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaasS360 Mobile Application Management (Saas) Managed Client Device per Month                                          | D1ALFLL | 12,44 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Resource-DCS-Oversized Document Surcharge-Documents Pay Per Use                    | D00B4ZX | 12,44 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Resource-Documents Conversion Service-Rejected Document-Documents Pay Per Use      | D00B5ZX | 12,44 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Teamviewer Remote Support Saas for IBM MaaS360 Authorized User Subscription per Month 3rd party Offering                   | D0047ZX | 12,44 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Monitoring and Support for Java Desktop Authorized User Subscription License                                           | D0GGAZX | 12,42 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Connect-Express Premium Edition for Non-Production Environment Processor Value Unit (PVU) Monthly License     | D1YK6LL | 12,42 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Advanced Gigabyte Transmitted Overage                                                                  | D04PVZX | 12,32 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Video Streaming Storage 10 Gigabytes Overage                                                                           | D1Q8YLL | 12,32 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Security Verify Directory Standard Ed User Value Unit Annual SW S&S Rnwl                                               | E0CTIZX | 12,29 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Governance Host Adapters User Value Unit Monthly License                                               | D29GYLL | 12,28 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Daeja ViewONE Virtual Module for Permanent Redaction Employee User Value Unit Monthly License                          | D1HFRLL | 12,22 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | Motio CI Inventory Authorized User Subscription License                                                                    | D29MWLL | 12,22 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Virtual Environments 10 Processor Value Units (PVUs) Monthly License                               | D1IUPLL | 12,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 32x128 Dedicated Instance (32 CPU, 128 GB RAM, 100 GB HD) per Instance-Hour Pay per Use       | D1SLBLL | 12,06 | Saas                     |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Db2 Advanced Edition for SAP Solutions Authorized User Extended Support Subscription Lic                                                           | X082QZX | 11,98 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for IBM Content Foundation Eligible Participant Resource Value Unit Annual SW Subscription & Support Renewal | E0IJLL  | 11,98 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Workload Scheduler Processor Value Unit (PVU) SUBSCRIPTION LICENSE                                                                             | D07DMZX | 11,92 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 30x240 VSI Shared Instance (30 CPU, 240 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                            | D01RXZX | 11,91 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 30x240 Shared Instance (30 CPU, 240 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                                  | D21YVLL | 11,86 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Snapshot Terabyte (251+) Advanced Support Subscription License                                                                 | Z07R1ZX | 11,85 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Premier Suite (Saas) Authorized User Advanced Support per Month                                                                        | E0GF1ZX | 11,69 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ Advanced High Availability Replica Processor Value Unit (PVU) Monthly License                                                               | D1H8VLL | 11,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Identity and Access Manager Host Edition User Value Unit Monthly License                                                              | D18J8LL | 11,63 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Add-On Eligible Participant Resource Value Unit License + SW Subscription & Support 12 Months                               | D12NRLL | 11,60 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Starter Edition Processor Value Unit (PVU) Monthly License                                                       | D194TLL | 11,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Retail Store Server Starter Edition with Informix Database Processor Value Unit (PVU) Monthly License                                | D194XLL | 11,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataPower Operations Dashboard for API Connect Hybrid Resource Value Unit Monthly License                                                      | D0BW2ZX | 11,53 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Directory Enterprise Edition User Value Unit Monthly License                                                                   | D1K0DLL | 11,48 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Server Professional for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription License            | X0ERTZX | 11,48 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Data Retention Terabyte (251+) Advanced Support Subscription License                                                       | Z07NNZX | 11,48 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | Transformation Extender Pack for Healthcare Processor Value Unit (PVU) Extended Support Subscription Lic                                           | X0A36ZX | 11,48 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 32x128 VSI Dedicated Instance (32 CPU, 128 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                         | D01REZX | 11,45 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | Transformation Extender for Non Production Processor Value Unit (PVU) Extended Support Subscription Lic                                            | X07P5ZX | 11,42 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | Transformation Extender Pack for Financial Payments Processor Value Unit (PVU) Extended Support Subscription Lic                                   | X07QHZX | 11,42 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | Transformation Extender Pack for Financial Payments Processor Value Unit (PVU) Extended Support Subscription Lic                                   | X08KAZX | 11,42 | Assinatura                |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Spectrum LSF RTM Data Collectors Resource Value Unit Annual SW Subscription & Support Renewal 12 Months                         | E02YSZX | 11,41 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Secrets Manager Standard 10 Item Pay per Use                                                                              | D08XBZX | 11,29 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Grad Pack Premium Authorized User Advanced Support Subscription Lic                                    | Z0F92ZX | 11,29 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Application Dependency Discovery Manager Discovery Manager Resource Value Unit Monthly License                           | D18P8LL | 11,17 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Application Dependency Discovery Manager for zOS Data Resource Value Unit Monthly License                                | D18PBLL | 11,17 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli Application Dependency Discovery Manager for zOS Data Resource Value Unit Monthly License                                | D18PCLL | 11,17 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect Virtual Servers Memory 100 Gigabyte-Hours Pay per Use                                                       | D04S9ZX | 11,13 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication Processor Value Unit (PVU) Extended Support Subscription License                                    | X29Q3LL | 11,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Dedicated Netflow Collector Feed Extended Support Subscription                                                           | X0BIPZX | 11,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudant for IBM Cloud Light 100 Thousand API Calls Pay Per Use                                                                 | D16J2LL | 10,90 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Notifications Push Notification Million Outbound Digital Message Pay per Use                                        | D0841ZX | 10,89 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service Multizone Load Balancer per 100 Instance-Hour Pay per Use                                              | D1Y6VLL | 10,89 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Monitoring Million Events Pay per Use                                                                                     | D001QZX | 10,89 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Express Authorized User Authorized User Advanced Support per Month                                     | E0FYRZX | 10,88 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic RosettaNet Processing Monthly per Document                                              | D10QCLL | 10,88 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum MPI Resource Value Unit Monthly License                                                                                | D191KLL | 10,77 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Server Standard Processor Value Unit (PVU) Advanced Support Subscription License                                | Z0EH7ZX | 10,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Governance Role Optimization User Value Unit                                                                    | D1K0TLL | 10,69 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Storage 10 Gigabytes per Month                                                                     | D1Q8ILL | 10,68 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Grad Pack Base Authorized User Extended Support Subscription Lic                                       | X0F8ZZX | 10,67 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Data Connect Starter Paygo per Item Pay Per Use                                                                           | D1KR7LL | 10,59 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Lift Database Migration 100 Gigabyte Transmitted Inbound Pay Per Use                                                      | D1NM5LL | 10,59 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Control Desk for Strategic Outsourcing Service Provider Internal GTS Use Only 100 Tickets Extended Support Subscription License | X07XFZX | 10,59 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud IO Flex Paygo 10 Million Events Pay Per Use                                                                        | D1SUCLL | 10,59 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System HSA Item SW S&S Reinstate 12 Mo                                                                | D0BJQZX | 10,59 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System LAB Item SW S&S Reinstate 12 Mo                                                                | D0BJVZX | 10,59 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Personality Insights for IBM Cloud 100 API calls Pay Per Use                                                             | D1KJ3LL | 10,59 | Saas                     |

|      |    |                                                |      |      |                                                                                                                                                            |         |       |                        |
|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Rank for IBM Cloud Event Pay Per Use                                                                                                            | D1JCPLL | 10,59 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 32x128.2x2tb.san VSI Private Instance (32 CPU, 128 GB RAM, 100 GB HD, 2 x Raw 2 TB SSD) per Instance-Hour Pay per Use       | D01RYZX | 10,59 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Advanced Statistics Server Processor Value Unit (PVU) Monthly License                                                                             | D17RALL | 10,56 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Categories Server Processor Value Unit (PVU) Monthly License                                                                                      | D17RLLL | 10,56 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Complex Samples Server Processor Value Unit (PVU) Monthly License                                                                                 | D17RJLL | 10,56 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Conjoint Server Processor Value Unit (PVU) Monthly License                                                                                        | D17RHLL | 10,56 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Custom Tables Server Processor Value Unit (PVU) Monthly License                                                                                   | D17RFLL | 10,56 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Decision Trees Server Processor Value Unit (PVU) Monthly License                                                                                  | D17SBLL | 10,56 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Direct Marketing Server Processor Value Unit (PVU) Monthly License                                                                                | D17SYLL | 10,56 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Exact Tests Server Processor Value Unit (PVU) Monthly License                                                                                     | D17TNLL | 10,56 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Forecasting Server Processor Value Unit (PVU) Monthly License                                                                                     | D17TSLL | 10,56 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Missing Values Server Processor Value Unit (PVU) Monthly License                                                                                  | D17TLLL | 10,56 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Neural Networks Server Processor Value Unit (PVU) Monthly License                                                                                 | D17TJLL | 10,56 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Regression Server Processor Value Unit (PVU) Monthly License                                                                                      | D17TQLL | 10,56 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Dedicated Netflow Collector High Flow Feed Advanced Support Subscription License                                                                | Z0BIZZX | 10,34 | Saas                   |
| Real | 1  |                                                | PPA  | 7831 | IBM Maximo Spatial Asset Management Authorized User Extended Support Subscription License                                                                  | X07NDZX | 10,28 | Assinatura             |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway Suite (Saas) Managed Client Device Overage                                                                                             | D1AKULL | 10,26 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights Saas Storage Gigabyte Overage                                                                                               | D0DNTZX | 10,26 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli System Automation Application Manager Processor Value Unit (PVU) Monthly License                                                                | D18QELL | 10,22 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 32x128.2x2tb.san Private Instance (32 CPU, 128 GB RAM, 100 GB HD, 2 x Raw 2 TB SAN) per Instance-Hour Pay per Use             | D20AXLL | 10,18 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 32x128 VSI Shared Instance (32 CPU, 128 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                                    | D01RFZX | 10,18 | Saas                   |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System Automated Observability Item Trade Up from IBM SevOne Network Management System Item License + Software S&S 12 Months | D0GKFZX | 10,16 | Upgrade com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Speech to Text Per-Minute Service for Cloud 100 Minutes Pay per Use                                                                                    | D03ZTZX | 10,13 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Text To Speech Base Service for IBM Cloud 100 Thousand Characters Pay                                                                                  | D1HYRLL | 10,13 | Saas                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for Sterling Secure Proxy for Non-Production Environment Processor Value Unit (PVU) Monthly License 12 Months          | D1FRDLL | 10,09 | Saas                   |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Grad Pack Standard Authorized User Advanced Support Subscription Lic                                           | Z0F95ZX | 10,03 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Eligible Participant Resource Value Unit Annual SW Subscription & Support Renewal                                    | E0IZBLL | 9,97  | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 32x64 Private Instance (32 CPU, 64 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                            | D1YC5LL | 9,88  | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Governance Host Adapters User Value Unit Subscription License                                                           | D29H5LL | 9,83  | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition Federation Module per User Value Unit MONTHLY LICENSE                                            | D1GTWLL | 9,80  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 32x128 Shared Instance (32 CPU, 128 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                           | D1SL6LL | 9,78  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Connect-Direct Premium Edition for Non-Production Environment Processor Value Unit (PVU) Monthly License                       | D1K2CLL | 9,70  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM watsonx.ai Inference for Foundation Models Class 2 Essentials 1000 Resource Units Pay per Use                                           | D0FR9ZX | 9,68  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM watsonx.ai Inference for Foundation Models Class 2 Standard 1000 Resource Units Pay per Use                                             | D0FR8ZX | 9,68  | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Foundation Eligible Participant Resource Value Unit SW Subscription & Support Reinstatement 12 Months                           | D11KHLL | 9,63  | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Content Collector Edition Eligible Participant Resource Value Unit SW Subscription & Support Reinstatement 12 Months | D12NXLL | 9,63  | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim pureQuery Runtime for Linux UNIX and Windows Processor Value Unit (PVU) Monthly License                                | D19A9LL | 9,55  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for AIOps Reserved Resource Unit Advanced Support Subscription Lic                                                            | Z08E5ZX | 9,53  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson AIOps Resource Unit Advanced Support Subscription License                                                                        | Z28T9LL | 9,53  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 32x64 VSI Private Instance (32 CPU, 64 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                      | D01RUZX | 9,52  | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Enterprise Resource Planning 10 Processor Value Units (PVUs) Advanced Support Subscription License                  | Z07D7ZX | 9,47  | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Space Management 10 Processor Value Units (PVUs) Extended Support Subscription License                              | X07DAZX | 9,47  | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Campus Premium Server Processor Value Unit (PVU) Advanced Support Subscription Lic                             | Z0F70ZX | 9,41  | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Governance Premier Support Services per User 3rd Party per Month                                                                        | D1JYDLL | 9,33  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Keysafe KMS Custom Key Store Platinum Support Services User 3rd Party per Month                                                         | D01QDZX | 9,33  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box KeySafe KMS Premier Support Services per User 3rd Party per Month                                                                       | D1NR2LL | 9,33  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Shield Premier Support User 3rd Party per Month                                                                                         | D0218ZX | 9,33  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Deluxe Suite (Saas) Authorized User Advanced Support per Month                                                                  | E0GBFZX | 9,33  | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway Suite (Saas) Managed Client Device per Month                                                                            | D1AKTLL | 9,33  | Saas                     |



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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------|---------|------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights Saas Storage Gigabyte Subscription per Month                                              | D0DNSZX | 9,33 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Supply Chain Intelligence Suite AppPoint Advanced Support per Month                                                  | E0ER3ZX | 9,33 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Governance Application Adapters User Value Unit Monthly License                                      | D29GPLL | 9,28 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage as a Service Capacity Unit-Hour Pay per Use                                                                | D05WAZX | 9,27 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM DataPower Operations Dashboard for API Connect Hybrid Resource Value Unit Subscription License                       | D0BW3ZX | 9,20 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Compute 1 Year Reserved for AWS Paygo 10 Virtual Processor Core-Hour Pay per Use              | D0G3YZX | 9,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AIOps Insights Base Managed Virtual Server Advanced Support per Month                                                | E0FNMZX | 9,08 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Db2 Advanced Edition for SAP Solutions Authorized User Advanced Support Subscription Lic                                 | Z082QZX | 8,97 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IT Visibility - Flexera One with IBM Observability Managed Virtual Server Advanced Support per Month                     | E0GAZZX | 8,95 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IT Visibility - Flexera One with IBM Observability Managed Virtual Server per Month                                      | D09TEZX | 8,95 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Network Manager Managed Client Device SW Subscription and Support Renewal 12 Months                                  | E0R54LL | 8,84 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Server Processor Value Unit Subscription License                                            | D0EI3ZX | 8,78 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Categories Server Processor Value Unit Subscription License                                                     | D0EJ2ZX | 8,78 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Complex Samples Server Processor Value Unit Subscription License                                                | D0EK7ZX | 8,78 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Conjoint Server Processor Value Unit Subscription License                                                       | D0EKDZX | 8,78 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Custom Tables Server Processor Value Unit Subscription License                                                  | D0EILZX | 8,78 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Decision Trees Server Processor Value Unit Subscription License                                                 | D0EIJZX | 8,78 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Server Processor Value Unit Subscription License                                               | D0EJZZX | 8,78 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Exact Tests Server Processor Value Unit Subscription License                                                    | D0EKNZX | 8,78 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Forecasting Server Processor Value Unit Subscription License                                                    | D0EJAZX | 8,78 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Missing Values Server Processor Value Unit Subscription License                                                 | D0EIUZX | 8,78 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Neural Networks Server Processor Value Unit Subscription License                                                | D0EJRZX | 8,78 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Regression Server Processor Value Unit Subscription License                                                     | D0EIBZX | 8,78 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Identity and Access Manager Application Edition User Value Unit Monthly License                             | D18J7LL | 8,77 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum MPI Resource Value Unit Subscription License                                                                | D28FHLL | 8,77 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Workload Scheduler for Applications Processor Value Unit (PVU) Monthly                                               | D1G85LL | 8,77 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloud Migration and Modernization - Flexera One with IBM Observability Managed Virtual Server Advanced Support per Month | E0GBDZX | 8,71 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex for AWS Paygo Additional Compute 14 Virtual Processor Core-Hours Pay per Use             | D01MDZX | 8,71 | Saas                     |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for FileNet Content Manager Eligible Participant Resource Value Unit Annual SW Subscription & Support Renewal          | EOIHULL | 8,66 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for IBM Content Manager Eligible Participant Resource Value Unit Annual SW Subscription & Support Renewal              | EOIJGLL | 8,66 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Server Professional for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription License                      | ZOERTZX | 8,66 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Compute BYOL Software for AWS Paygo 10 Virtual Processor Core-Hour Pay per Use                                                    | D0G41ZX | 8,62 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Transformation Extender Pack for Supply Chain EDI Processor Value Unit (PVU) Extended Support Royalty Subscription License                               | X0A9DZX | 8,59 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise Non Production per Processor Value Unit Extended Support Subscription License                                                     | X287QLL | 8,53 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 32x32 Private Instance (32 CPU, 32 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                                             | D1YC3LL | 8,51 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | MaaS360 Enterprise Suite Saas Managed Client Device Advanced Support per Month                                                                               | E0GCEZX | 8,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 32x32 VSI Private Instance (32 CPU, 32 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                                       | D01RSZX | 8,36 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication Processor Value Unit (PVU) Advanced Support Subscription License                                                             | Z29Q3LL | 8,34 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Dedicated Netflow Collector Feed Advanced Support Subscription License                                                                            | Z0BIPZX | 8,34 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Document Overage                                                                                             | D0MNJLL | 8,34 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Data Protection for SharePoint per Authorized User Monthly License                                                                     | D1X63LL | 8,32 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 32x64 VSI Public Instance (32 CPU, 64 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                                        | D01RVZX | 8,21 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Grad Pack Base Authorized User Advanced Support Subscription Lic                                                                | Z0F8ZZX | 8,16 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Productivity Suite (Saas) Authorized User Advanced Support per Month                                                                             | E0GBKZX | 8,09 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 16x128 Shared Instance (16 CPU, 128 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                                            | D21YULL | 8,01 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Block Storage for AWS Paygo Terabyte-Hour Pay per Use                                                                             | D0EVRZX | 8,01 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud Azure AD Authorized User Overage                                                                                               | D0EQIZX | 7,90 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Message Broker Retail Store Edition Idle Standby Processor Value Unit (PVU) Monthly License                                                    | D1958LL | 7,90 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Eligible Participant Resource Value Unit from IBM FileNet Report Manager Trade Up License + SW Subscription & Support 12 Months | D0Z11LL | 7,84 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud for US Federal Self Service User 5 Authorized Users Overage                                     | D1UMULL | 7,84 | Saas                     |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Self Service User 5 Authorized Users Overage                                     | D1UMELL | 7,84 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Select - Flexera One with IBM Observability Managed Virtual Server per Month                                                                  | D0G51ZX | 7,77 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 32x64 Public Instance (32 CPU, 64 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                               | D1YC4LL | 7,70 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Tivoli System Automation High Availability Policies for SAP Processor Value Unit (PVU) Monthly License                                    | D18P6LL | 7,68 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System Automated Observability Item Annual SW S&S RnwI                                                          | E0GIFZX | 7,66 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Event Streams for IBM Cloud 100 Instance-Hours Pay per Use                                                                                    | D01HLZX | 7,60 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Databases 10 Processor Value Units (PVUs) Extended Support Subscription License                                       | X07D5ZX | 7,58 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Mail 10 Processor Value Units (PVUs) Extended Support Subscription License                                            | X07D8ZX | 7,58 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for SAN 10 Processor Value Units (PVUs) Extended Support Subscription License                                             | X07NXZX | 7,58 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for SAN 10 Processor Value Units (PVUs) Extended Support Subscription License                                             | X07NYZX | 7,58 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 Encryption Offering for DB2 Express Server Edition Processor Value Unit (PVU) Monthly License                                         | D1CWVLL | 7,52 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Campus Standard Server for Non-Production Environme Processor Value Unit (PVU) Extended Support Subscription Lic | X0F76ZX | 7,52 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Relay Solution Premier Support Services User 3rd Party per Month                                                                          | D01QJZX | 7,46 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Essentials Suite (Saas) Authorized User Advanced Support per Month                                                                | E0GF0ZX | 7,46 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Event Streams for IBM Cloud Mirroring Capacity Unit-Hour Pay per Use                                                                      | D032XZX | 7,45 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics Engine Serverless Plan 100 Gigabyte-Hours Pay per Use                                                                           | D07TWZX | 7,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 16x64 Dedicated Instance (16 CPU, 64 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                            | D1SLALL | 7,34 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud M365 eDiscovery Authorized User Overage                                                                         | D0CX0ZX | 7,27 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Security Verify Privilege Manager On-Premises for Client Managed Client                                                                   | D29SXLL | 7,25 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Standard 10 Instance-Hours Pay per Use                                                                                       | D02H0ZX | 7,20 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager Enterprise Edition Eligible Participant Resource Value Unit Annual SW Subscription & Support Renewal                      | E0IUQLL | 7,18 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet Content Manager Eligible Participant Resource Value Unit Annual SW Subscription & Support Renewal                                 | E0IEZLL | 7,18 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Mobile User Authorized User Extended Support Subscri                                                                     | X06MAZX | 7,15 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ENTERPRISE VIDEO STREAMING SILVER EDITION Hour Overage                                                                                    | D0F8NZX | 7,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) on Cloud For US Federal Lease Volume 100 Item per Month                                   | D2284LL | 7,12 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) on Cloud Lease Volume 100 Item per Month                                                  | D2282LL | 7,12 | Saas                     |

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|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------------|---------|------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Compute 3 Year Reserved for AWS Paygo 10 Virtual Processor Core-Hour Pay per Use                         | D0G3ZZX | 7,09 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System Item Annual SW S&S Rnwl                                                                        | E0BJHZX | 7,08 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System Item Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months  | D0BJGZX | 7,08 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne xStats Adapter for AppNeta Install LIC + SW S&S 12 MO                                                                    | D0BK2ZX | 7,08 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne xStats Adapter for Generic CSV Install LIC + SW S&S 12 MO                                                                | D0BK6ZX | 7,08 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor Processor Value Unit (PVU) Monthly License                                                      | D1822LL | 7,08 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Space Management 10 Processor Value Units (PVUs) Advanced Support Subscription License                      | Z07DAZX | 7,08 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Db2 Non-Production Processor Value Unit Monthly License                                         | D26WDLL | 7,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Management Suite (Saas) Authorized User Advanced Support per Month                                                      | E0GBCZX | 7,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Server Standard for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription License | X0EHDZX | 7,02 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 16x64 VSI Dedicated Instance (16 CPU, 64 GB RAM, 100 GB HD) per Instance-Hour Pay per Use            | D01RBZX | 6,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Dedicated Netflow Collector High Flow HSA Feed Extended Support Subscription License                                     | X0BJ4ZX | 6,90 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment Authorized User Monthly License                                  | D181YLL | 6,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Enterprise Instance-Hour Pay per Use                                                                               | D02GTZX | 6,89 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Service (Saas) Managed Client Device Overage                                                                    | D1AJCLL | 6,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Apps (Saas) Managed Client Device Overage                                                                   | D1AMULL | 6,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Browser (Saas) Managed Client Device Overage                                                                | D1AHALL | 6,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Documents (Saas) Managed Client Device Overage                                                              | D1AGHLL | 6,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Application Security (Saas) Managed Client Device Overage                                                        | D1AMFLL | 6,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Content Management (Saas) Managed Client Device Overage                                                          | D1ANALL | 6,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Document Sync (Saas) Managed Client Device Overage                                                               | D1AFQLL | 6,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Threat Management (Saas) Managed Client Device Overage                                                           | D1AJQLL | 6,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Risk Based Application Patching Managed Client Device Overage                                                           | D0F1WZX | 6,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Secure Mobile Browser (Saas) Managed Client Device Overage                                                              | D1AGXLL | 6,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 VPN (Saas) per Managed Client Device Overage                                                                            | D1SU1LL | 6,85 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 16x128 VSI Shared Instance (16 CPU, 128 GB RAM, 100 GB HD) per Instance-Hour Pay per Use             | D01RWZX | 6,84 | Saas                      |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|------|------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Data Replication for Db2 for IBM Cloud Pak for Data Non-Production Processor Value Unit (PVU) Monthly License                  | D08S2ZX | 6,82 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 32x32 VSI Public Instance (32 CPU, 32 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                         | D01RTZX | 6,74 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Code Engine 100 Gigabyte-Hours Pay per Use                                                                                          | D04VEZX | 6,72 | Saas       |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Document per Annum                                                                            | D0MRZLL | 6,72 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Cloudera Data Platform Public Cloud Credit per Month                                                                                          | D0265ZX | 6,60 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Protect for Cloud Azure AD Authorized User per Month                                                                              | D0EQHZX | 6,60 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | MongoDB Atlas Platinum Credit per Month                                                                                                       | D0409ZX | 6,60 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | MongoDB Atlas Enterprise Credit per Month                                                                                                     | D040AZX | 6,60 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | MongoDB Atlas Pro Credit per Month                                                                                                            | D040BZX | 6,60 | Saas       |
| Real | 1  |                                                | PPA  | 7831 | IBM Control Desk for ITSvcProvr forStgcOtsuringInternalGTSUseOnly 100 Tickets Extended Support Subscription License                           | X07XGZX | 6,58 | Assinatura |
| Real | 1  |                                                | PPA  | 7831 | MQ Telemetry Install Extended Support Subscription License                                                                                    | X07DKZX | 6,58 | Assinatura |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Network Performance Management Managed Client Device Monthly License                                                               | D08PWZX | 6,54 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Endurance Storage charges (.25 IOPs per GB) per 10 Item Pay per Use                                                      | D1YE4LL | 6,53 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Performance Storage charges (per GB) per 10 Item Pay per Use                                                             | D1YE5LL | 6,53 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud for US Federal Self Service User 5 Authorized User Subscription per Month        | D1UMTLL | 6,53 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management (TRIRIGA) On Cloud Self Service User 5 Authorized User Subscription per Month                       | D1UMDLL | 6,53 | Saas       |
| Real | 1  |                                                | PPA  | 7831 | IBM Sterling Transformation Extender Pack f FnncI Payments PLUS f Non Production Processor Value Unit (PVU) Extended Support Subscription Lic | X08V2ZX | 6,52 | Assinatura |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) for As-Shipped Applications Instance Set Up                                      | D1C7ALL | 6,41 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) for Fully Configurable Applications Instance On-Demand Setup                     | D1C7BLL | 6,41 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - EDR Enterprise Client Device Advanced Support per Month                                                           | E0DZ3ZX | 6,41 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Enterprise Non Production per Processor Value Unit Advanced Support Subscription License                                      | Z287QLL | 6,40 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Integration Bus Standard Edition Idle Standby Processor Value Unit (PVU) INVALID DATA                                                     | X0797ZX | 6,40 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 32x32 Public Instance (32 CPU, 32 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                               | D1YC2LL | 6,39 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module per User Value Unit MONTHLY LICENSE                                 | D1GTZLL | 6,33 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog PayGo Enterprise Bundle Capacity Unit-Hour Pay per Use                                                           | D0A00ZX | 6,33 | Saas       |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog PayGo Standard Edition Capacity Unit-Hour Pay per Use                                                            | D0A02ZX | 6,33 | Saas       |

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|------|---|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------|---------|------|------------|
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand PDF Indexer Processor Value Unit (PVU) Monthly License                                                          | D1FYHLL | 6,32 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Pay as you go Gigabyte Transmitted Pay per Use                                                                           | D04Q3ZX | 6,28 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex Additional Storage Terabyte-Hour Pay per Use                                                                 | D1WKJLL | 6,28 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex for AWS Paygo Additional Storage 960 Gigabyte-Hours Pay per Use                                              | D01MEZX | 6,28 | Saas       |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Amos Grad Pack Authorized User Extended Support Subscription Lic                                                         | X0FCZZX | 6,27 | Assinatura |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Wazi Image Builder Authorized User Single Session Monthly License                                                                        | D0BEDZX | 6,27 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 2x4 Shared Instance (2 CPU, 4 GB RAM, 100 GB HD) per 10 Instance-Hour Pay per Use                               | D1SL3LL | 6,23 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex One Instance-Hour Pay per Use                                                                                | D21YRLL | 6,23 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ENTERPRISE VIDEO STREAMING PLATINUM EDITION Hour Overage                                                                                 | D0F8LZX | 6,22 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Service (Saas) Managed Client Device per Month                                                                           | D1AJALL | 6,22 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Apps (Saas) Managed Client Device per Month                                                                          | D1AMTLL | 6,22 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Browser (Saas) Managed Client Device per Month                                                                       | D1AH9LL | 6,22 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Documents (Saas) Managed Client Device per Month                                                                     | D1AGFLL | 6,22 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Application Security (Saas) Managed Client Device per Month                                                               | D1AM6LL | 6,22 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Content Management (Saas) Managed Client Device per Month                                                                 | D1AN9LL | 6,22 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Document Sync (Saas) Managed Client Device per Month                                                                      | D1AFPLL | 6,22 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Threat Management (Saas) Managed Client Device per Month                                                                  | D1AJPLL | 6,22 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Risk Based Application Patching Managed Client Device per Month                                                                  | D0F1VZX | 6,22 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Secure Mobile Browser (Saas) Managed Client Device per Month                                                                     | D1AGWLL | 6,22 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 VPN (Saas) per Managed Client Device Subscription Per Month                                                                      | D1SU0LL | 6,22 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Teamviewer Remote Support Saas for IBM MaaS360 Managed Client Device Subscription per Month 3rd party Offering                               | D0048ZX | 6,22 | Saas       |
| Real | 1 |                                                | PPA  | 7831 | IBM Security Verify Governance Enterprise User Value Unit Extended Support Subscription License                                              | X29AGLL | 6,21 | Assinatura |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 16x64.2tb.san VSI Private Instance (16 CPU, 64 GB RAM, 100 GB HD, Raw 2 TB SAN) per Instance-Hour Pay per Use | D01RRZX | 6,19 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IT Asset Management Plus - Flexera One with IBM Observability Managed Virtual Server Advanced Support per Month                              | E0GB5ZX | 6,16 | Saas       |

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| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ High Availability Replica Processor Value Unit (PVU) Monthly License                                                                   | D193BLL | 6,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Compute BYOL Appliance for AWS Paygo 10 Virtual Processor Core-Hour Pay per Use                                    | D0G40ZX | 6,08 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 16x64.2tb.san Private Instance (16 CPU, 64 GB RAM, 100 GB HD, Raw 2 TB SAN) per Instance-Hour Pay per Use        | D20AWLL | 6,03 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Server Processor Value Unit Subscription License Upgrade                                                         | D0EI2ZX | 5,90 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Categories Server Processor Value Unit Subscription License Upgrade                                                                  | D0EJ1ZX | 5,90 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Complex Samples Server Processor Value Unit Subscription License                                                                     | D0EK6ZX | 5,90 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Conjoint Server Processor Value Unit Subscription License Upgrade                                                                    | D0EKCZX | 5,90 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Custom Tables Server Processor Value Unit Subscription License Upgrade                                                               | D0EIKZX | 5,90 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Decision Trees Server Processor Value Unit Subscription License Upgrade                                                              | D0EJHZX | 5,90 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Server Processor Value Unit Subscription License Upgrade                                                            | D0EJYZX | 5,90 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Exact Tests Server Processor Value Unit Subscription License Upgrade                                                                 | D0EKMZX | 5,90 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Forecasting Server Processor Value Unit Subscription License Upgrade                                                                 | D0EJ9ZX | 5,90 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Missing Values Server Processor Value Unit Subscription License Upgrade                                                              | D0EITZX | 5,90 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Neural Networks Server Processor Value Unit Subscription License Upgrade                                                             | D0EIQZX | 5,90 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Regression Server Processor Value Unit Subscription License Upgrade                                                                  | D0EIAZX | 5,90 | Upgrade                  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | MaaS360 Premier Suite (Saas) Managed Client Device Advanced Support per Month                                                                 | E0GCGZX | 5,85 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted Storage Flex Paygo Gigabyte Pay Per Use                                                                                        | D1W89LL | 5,83 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 16x32 Private Instance (16 CPU, 32 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                              | D1YC1LL | 5,78 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IT Asset Management - Flexera One with IBM Observability Managed Virtual Server Advanced Support per Month                                    | E0GB1ZX | 5,78 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Eligible Participant Resource Value Unit Annual SW Subscription & Support Renewal                                | E0GXULL | 5,75 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | FlexNet Manager for Clients - Flexera One with IBM Observability on Prem Managed Client Device Subscription License                           | D0ET4ZX | 5,65 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Campus Standard Server for Non-Production Environme Processor Value Unit (PVU) Advanced Support Subscription Lic | Z0F76ZX | 5,65 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Databases 10 Processor Value Units (PVUs) Advanced Support Subscription License                                       | Z07D5ZX | 5,65 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Mail 10 Processor Value Units (PVUs) Advanced Support Subscription License                                            | Z07D8ZX | 5,65 | Assinatura               |

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| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for SAN 10 Processor Value Units (PVUs) Advanced Support Subscription License                                               | Z07NXZX | 5,65 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for SAN 10 Processor Value Units (PVUs) Advanced Support Subscription License                                               | Z07NYZX | 5,65 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | Transformation Extender Pack for Financial Payments for Non Production Processor Value Unit (PVU) Extended Support Subscription Lic             | X07QIZX | 5,65 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Document Overage                                                                                | D0MP9LL | 5,53 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Dedicated Netflow Collector LAB Feed Extended Support Subscription License                                                           | X0BJEZX | 5,52 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Notifications Event Million Events Pay per Use                                                                                  | D083ZZX | 5,47 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Notifications HTTP Delivery Million Outbound Digital Message Pay per Use                                                        | D0840ZX | 5,47 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Notifications Service to Service Delivery Million Outbound Digital Message Pay per Use                                          | D0843ZX | 5,47 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Monitoring Alerts Item Pay per Use                                                                                                    | D002IZX | 5,47 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud SQL Query 10 Capacity Unit-Hour Pay per Use                                                                                           | D05NLZX | 5,47 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Key Protect Multitenant Key Item Pay per Use                                                                                                | D0A4QZX | 5,47 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure Gateway Additional Data Transfer for IBM Cloud Gigabyte Transmitted Pay Per Use                                                      | D1SKWLL | 5,47 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Network Management Managed Virtual Server Monthly License                                                        | D18ZBLL | 5,46 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Mobile User Authorized User Advanced Support Subscr                                                                        | Z06MAZX | 5,40 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Statistics Server Standard for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription License             | Z0EHDZX | 5,33 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for IBM Case Foundation Eligible Participant Resource Value Unit Annual SW Subscription & Support Renewal | EOIJCLL | 5,32 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Production Imaging Edition Add-On for IBM Case Manager Eligible Participant Resource Value Unit Annual SW Subscription & Support Renewal    | EOIJFLL | 5,32 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Advanced Statistics Server for Non-Production Environment Processor Value Unit (PVU) Monthly License                                   | D17RNLL | 5,32 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Categories Server for Non-Production Environment Processor Value Unit (PVU) Monthly License                                            | D17RKLL | 5,32 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Complex Samples Server for Non-Production Environment Processor Value Unit (PVU) Monthly License                                       | D17RILL | 5,32 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Conjoint Server for Non-Production Environment Processor Value Unit (PVU) Monthly License                                              | D17RGLL | 5,32 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Custom Tables Server for Non-Production Environment Processor Value Unit (PVU) Monthly License                                         | D17RELL | 5,32 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Decision Trees Server for Non-Production Environment Processor Value Unit (PVU) Monthly License                                        | D17SJLL | 5,32 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Direct Marketing Server for Non-Production Environment Processor Value Unit (PVU) Monthly License                                      | D17SLLL | 5,32 | Saas                     |



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|------|---|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------|---------|------|------------|
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Exact Tests Server for Non-Production Environment Processor Value Unit (PVU) Monthly License                  | D17TPLL | 5,32 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Forecasting Server for Non-Production Environment Processor Value Unit (PVU) Monthly License                  | D17TTLL | 5,32 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Missing Values Server for Non-Production Environment Processor Value Unit (PVU) Monthly License               | D17TKLL | 5,32 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Neural Networks Server for Non-Production Environment Processor Value Unit (PVU) Monthly License              | D17TELL | 5,32 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Regression Server for Non-Production Environment Processor Value Unit (PVU) Monthly License                   | D17TWLL | 5,32 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Db2 on Cloud Paygo for AWS Additional Storage Gigabyte Pay per Use                                                     | D01Y0ZX | 5,32 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Floating IP Item Pay per Use                                                                                           | D00VFZX | 5,32 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 16x64 Shared Instance (16 CPU, 64 GB RAM, 100 GB HD) per Instance-Hour Pay per Use        | D1SL5LL | 5,32 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Storage Flex Paygo Gigabyte Pay Per Use                                                               | D1SUBLL | 5,32 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Mobile Analytics for IBM Cloud Million Events Pay per Use                                                          | D1Q7WLL | 5,32 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 16x32 VSI Private Instance (16 CPU, 32 GB RAM, 100 GB HD) per Instance-Hour Pay per Use | D01RMZX | 5,32 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Suite (Saas) Authorized User Advanced Support per Month                                            | E0GBMZX | 5,28 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Key Protect on Satellite Key Item Pay per Use                                                                      | D0A4SZX | 5,25 | Saas       |
| Real | 1 |                                                | PPA  | 7831 | IBM Content Manager OnDemand PDF Indexer Processor Value Unit (PVU) SUBSCRIPTION LICENSE                               | D07VQZX | 5,23 | Assinatura |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Manager Active Edition External User User Value Unit Monthly License                                 | D1D9JLL | 5,23 | Saas       |
| Real | 1 |                                                | PPA  | 7831 | IBM SevOne Network Performance Management Managed Client Device SUBSCRIPTION LICENSE                                   | D08PXZX | 5,23 | Assinatura |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Dedicated Netflow Collector High Flow HSA Feed Advanced Support Subscription License                        | Z0BJ4ZX | 5,21 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Studio Service Professional Capacity Unit-Hour Pay per Use                                                  | D09SVZX | 5,17 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud 16x64 VSI Shared Instance (16 CPU, 64 GB RAM, 100 GB HD) per Instance-Hour Pay per Use  | D01RCZX | 5,17 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 on Cloud Standard Shared Compute 10 Virtual Processor Core-Hour Pay per Use                                    | D02H1ZX | 5,11 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Standard Gigabyte Transmitted Overage                                                              | D04Q7ZX | 5,10 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Historic Severe Weather for Select Industries Million US Dollars Total Revenue per Month                           | D1JGALL | 5,10 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Notifications Push 1000000 Outbound Digital Message Pay p                                              | D0GXPZX | 5,07 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Data Growth Solution - Archive File Access Processor Value Unit (PVU) Monthly License             | D06Z0ZX | 5,04 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - EDR Client Device Advanced Support per Month                                               | E0DZ4ZX | 5,03 | Saas       |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Amos Grad Pack Authorized User Advanced Support Subscription Lic                                   | Z0FCZZX | 5,02 | Assinatura |

|      |    |                                                |      |      |                                                                                                                                                                     |         |      |                          |
|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ on IBM Cloud Virtual Processor Core-Hour Pay per Use                                                                                                         | D00E3ZX | 4,86 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Multizone Premier Support Services User 3rd Party per Month                                                                                                     | D01QFZX | 4,67 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for MongoDB Gigabyte Disk Gigabyte-Month Pay per Use                                                                                  | D0316ZX | 4,67 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for PostgreSQL Gigabyte Disk Gigabyte-Month Pay per Use                                                                               | D031KZX | 4,67 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Deluxe Suite (Saas) Managed Client Device Advanced Support per Month                                                                                    | E0GBEZX | 4,67 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Document Editor (Saas) Authorized User Advanced Support per Month                                                                                | E0G80ZX | 4,67 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Secure Mobile Mail (Saas) Authorized User Advanced Support per Month                                                                                    | E0GB3ZX | 4,67 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Document per Month                                                                                                  | D0MFULL | 4,61 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Backup for AWS Paygo 10 Terabyte-Hours Pay                                                                                               | D0G3WZX | 4,56 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex for AWS Paygo Data Transfer 10 Gigabytes Pay per Use                                                                                | D01MFZX | 4,56 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex One Additional Compute 10 Virtual Processor Core-Hours Pay per Use                                                                  | D21YZLL | 4,56 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex One Additional Storage 100 Ten Gigabyte-Hours Pay per Use                                                                           | D21YSLL | 4,56 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex Performance for AWS Paygo Data Transfer 10 Gigabytes Pay per Use                                                                    | D01MAZX | 4,56 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Foundation Add On for IBM Content Manager Enterprise Edition Eligible Participant Resource Value Unit SW Subscription & Support Reinstatement 12 Months | D11L5LL | 4,51 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Privilege Manager On-Premises Non-Production for Client per Managed Client Device Monthly License                                               | D05YIZX | 4,51 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IT Visibility - Flexera One with IBM Observability Managed Client Device Advanced Support per Month                                                                 | E0GB0ZX | 4,48 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IT Visibility - Flexera One with IBM Observability Managed Client Device per Month                                                                                  | D09TFZX | 4,48 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Server for Non-Production Environment Processor Value Unit Subscription License                                                        | D0EI7ZX | 4,46 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Categories Server for Non-Production Environment Processor Value Unit Subscription License                                                                 | D0EJ6ZX | 4,46 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Complex Samples Server for Non-Production Environment Processor Value Unit Subscription License                                                            | D0EKBZX | 4,46 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Conjoint Server for Non-Production Environment Processor Value Unit Subscription License                                                                   | D0EKJZX | 4,46 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Custom Tables Server for Non-Production Environment Processor Value Unit Subscription License                                                              | D0EINZX | 4,46 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Decision Trees Server for Non-Production Environment Processor Value Unit Subscription License                                                             | D0EJKZX | 4,46 | Assinatura               |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------|---------|------|--------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Server for Non-Production Environment Processor Value Unit Subscription License                                   | D0EK3ZX | 4,46 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Exact Tests Server for Non-Production Environment Processor Value Unit Subscription License                                        | D0EKQZX | 4,46 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Forecasting Server for Non-Production Environment Processor Value Unit Subscription License                                        | D0EJCZX | 4,46 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Missing Values Server for Non-Production Environment Processor Value Unit Subscription License                                     | D0EIYZX | 4,46 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Neural Networks Server for Non-Production Environment Processor Value Unit Subscription License                                    | D0EJVZX | 4,46 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Regression Server for Non-Production Environment Processor Value Unit Subscription License                                         | D0EIFZX | 4,46 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Campus Base Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription Lic | X0F6YZX | 4,40 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Campus Standard Server Processor Value Unit (PVU) Extended Support Subscription Lic                            | X0F74ZX | 4,40 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for SAP Applications External User Value Unit Annual SW Subscription & Support Renewal                                | E097LLL | 4,37 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Integrator External User Value Unit Annual SW Subscription & Support Renewal                                                    | E0C86LL | 4,37 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PAIRS Geoscope - Compute Workload Hour Pay Per Use                                                                                      | D1TYVLL | 4,36 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Function-Expedited DCS Document Advanced Support per Month                                          | E0E80ZX | 4,36 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Advanced Agile Discovery Managed Client Device SW Subscription and Support Renewal 12 Months                                            | E0R50LL | 4,30 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netcool Operations Insight Agile Service Manager Managed Virtual Server Monthly License                                                 | D1TL2LL | 4,30 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne xStats Adapter for AppNeta Install SW S&S Reinstate 12 Mo                                                                        | D0BK3ZX | 4,26 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne xStats Adapter for Generic CSV Install SW S&S Reinstate 12 Mo                                                                    | D0BK7ZX | 4,26 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Load Balancer for Virtual Private Cloud 100 Gigabyte-Months Pay per Use                                                                     | D00VIZX | 4,26 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Dedicated Netflow Collector LAB Feed Advanced Support Subscription License                                                       | Z0BJEZX | 4,20 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Manager Active Edition Add-On External User User Value Unit Monthly License                                               | D1D94LL | 4,17 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Image Services External User User Value Unit Monthly License                                                                    | D1D8WLL | 4,17 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Client Device Extended Support Subscription License                                                                     | X07CQZX | 4,14 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Extended Edition Client Device Extended Support Subscription License                                                    | X07D2ZX | 4,14 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for SAN Client Device Extended Support Subscription License                                                             | X07NZZX | 4,14 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Key Protect Item Pay Per Use                                                                                                            | D1K1YLL | 4,05 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM BPM on Cloud - Federal Gigabyte Advanced Support per Month                                                                              | E0G92ZX | 3,98 | Saas                     |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------|---------|------|--------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Extended Edition 10 Processor Value Units (PVUs) Extended Support Subscription License                                  | X07D0ZX | 3,95 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps - Network Configuration Manager Managed Client Device SW Subscription and Support Renewal 12 Months          | E0R37LL | 3,89 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | SevOne Network Performance Management Managed Client Device Extended Support Subscription License                                           | X08PXZX | 3,82 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Campus Base Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription Lic | Z0F6YZX | 3,76 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Campus Base Server Processor Value Unit (PVU) Extended Support Subscription Lic                                | X0F6WZX | 3,76 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AIOps Insights Add-On Storage 10 Gigabytes Advanced Support per Month                                                                   | E0FNLZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Service (Saas) Authorized User Advanced Support per Month                                                               | E0GCDZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Service (Saas) Managed Client Device Advanced Support per Month                                                         | E0GCCZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Service Bandwidth (Saas) Gigabyte Advanced Support per Month                                                            | E0G6CZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Apps (Saas) Authorized User Advanced Support per Month                                                              | E0G7TZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Apps (Saas) Managed Client Device Advanced Support per Month                                                        | E0G7SZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Browser (Saas) Authorized User Advanced Support per Month                                                           | E0G82ZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Browser (Saas) Managed Client Device Advanced Support per Month                                                     | E0G83ZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Documents (Saas) Authorized User Advanced Support per Month                                                         | E0G7YZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway for Documents (Saas) Managed Client Device Advanced Support per Month                                                   | E0G7ZZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Gateway Suite (Saas) Authorized User Advanced Support per Month                                                                 | E0GBLZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Management Suite (Saas) Managed Client Device Advanced Support per Month                                                        | E0GBBZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Application Security (Saas) Authorized User Advanced Support per Month                                                   | E0G75ZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Application Security (Saas) Managed Client Device Advanced Support per Month                                             | E0G74ZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Content Management (Saas) Authorized User Advanced Support per Month                                                     | E0G7XZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Content Management (Saas) Managed Client Device Advanced Support per Month                                               | E0G7WZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Document Editor (Saas) Managed Client Device Advanced Support per Month                                                  | E0G81ZX | 3,73 | Saas                     |

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|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------------|---------|------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Document Sync (Saas) Authorized User Advanced Support per Month                                                     | E0G7UZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Document Sync (Saas) Managed Client Device Advanced Support per Month                                               | E0G7VZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Threat Management Saas Authorized User Advanced Support per Month                                                   | E0GBJZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Mobile Threat Management Saas Managed Client Device Advanced Support per Month                                             | E0GBIZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Risk Based Application Patching Authorized User Advanced Support per Month                                                 | E0GL0ZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Risk Based Application Patching Managed Client Device Advanced Support per Month                                           | E0GKZZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Secure Mobile Browser (Saas) Authorized User Advanced Support per Month                                                    | E0GCAZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Secure Mobile Browser (Saas) Managed Client Device Advanced Support per Month                                              | E0GCBZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Secure Mobile Mail (Saas) Managed Client Device Advanced Support per Month                                                 | E0GB4ZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 VPN Authorized User Advanced Support per Month                                                                             | E0GBHZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 VPN Managed Client Device Advanced Support per Month                                                                       | E0GBGZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages on Cloud Single-Function User Authorized User Advanced Support per Month                                                 | E0G5CZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Guardium Insights Saas Storage Gigabyte Subscription Advanced Support 12 Months                                           | E0E0BZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn RosettaNet Document Advanced Support per Month                                                 | E0E1MZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Function-DCS Document Advanced Support per Month                                               | E0EBLZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-NAESB Document Advanced Support per Month                                                      | E0E7MZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterl Catalog And Transaction Manager for Trading Partners Document Advanced Support per Month | E0E7WZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Kilo Character Overage                                                                 | D0MNVLL | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | MaaS360 Essentials Suite (Saas) Managed Client Device Advanced Support per Month                                                       | E0GCFZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services Int Basic PIP Based Transform for RosettaNet PIP Advanced Support per Month                                      | E0DZBZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services Integration Basic RosettaNet Processing Document Advanced Support per Month                                      | E0DZDZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling e-Invoicing Archive Service Document Advanced Support per Month                                                               | E0E0WZX | 3,73 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Other Streaming Analytics Entry Hourly Virtual Server Hour Pay Per Use                                                             | D1VLYLL | 3,70 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Streaming Analytics Entry Hourly Container-Hour Pay Per Use                                                                        | D1WIALL | 3,70 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Application Server in Cloud - WebSphere Application Server Network Deployment Instance Hour Pay Per Use                  | D1JECCL | 3,70 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System HSA Item Annual SW S&S RnwI                                                                       | E0BJMZX | 3,57 | Manutenção após Vigência |

|      |    |                                                |      |      |                                                                                                                                                                       |         |      |                          |
|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System HSA Item Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                | D0BJLZX | 3,57 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System LAB Item Annual SW S&S Rnwl                                                                                                      | E0BJSZX | 3,57 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Network Management System LAB Item Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                                | D0BJRZX | 3,57 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM VIDEO STREAMING - SILVER EDITION HOUR OVERAGE                                                                                                                     | D1TDLLL | 3,56 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 8x64 Shared Instance (8 CPU, 64 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                                                         | D21YTLL | 3,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex for AWS Paygo Additional Backups 10 Gigabytes Pay per Use                                                                             | D01MCZX | 3,55 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Flex Performance for AWS Paygo Additional Backups 10 Gigabytes Pay per Use                                                                 | D01M7ZX | 3,55 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM MQ Advanced Message Security High Availability Replica 10 Processor Value Units (PVUs) Extended Support Subscription License                                      | X07DDZX | 3,51 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM InfoSphere Optim Data Growth Solution for Oracle Appl - Archive File Access Processor Value Unit (PVU) Monthly License                                            | D077DZX | 3,38 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Control Center Monitor for Non-Production Environment Processor Value Unit (PVU) Monthly License                                                         | D181ZLL | 3,38 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Platinum Storage Gigabyte-Month Pay per Use                                                                                     | D0F1TZX | 3,29 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Foundation Eligible Participant Resource Value Unit Annual SW Subscription & Support Renewal                                                              | E0IF7LL | 3,26 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM watsonx.ai Inference for Foundation Models Class 1 Essentials 1000 Resource Units Pay per Use                                                                     | D0FR7ZX | 3,24 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM watsonx.ai Inference for Foundation Models Class 1 Standard 1000 Resource Units Pay per Use                                                                       | D0FR6ZX | 3,24 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic PIP Based Routing RosettaNet, Chemical Industry Data Exchange Corp CIDX, American Petroleum Institute PIDX, PIP per Month | D0MF9LL | 3,23 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic PIP Based Transform for RosettaNet PIP per Month                                                                          | D0MI8LL | 3,23 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Sterling B2B Services Int Basic PIP Based Routing RosettaNet,CIDX,PIDX PIP Advanced Support per Month                                                                 | E0DZEZX | 3,23 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Enterprise Storage Gigabyte-Month Pay per Use                                                                                   | D0DH4ZX | 3,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Storage Gigabyte-Month Pay Per Use                                                                                              | D206TLL | 3,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for EnterpriseDB 10 IOPS per GB Storage Gigabyte-Month Pay per Use                                                                                | D02LLZX | 3,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for etcd Storage Gigabyte-Month Pay Per Use                                                                                                       | D206ILL | 3,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MongoDB Enterprise Storage Gigabyte-Month Pay Per Use                                                                                         | D27KILL | 3,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MongoDB Storage Gigabyte-Month Pay Per Use                                                                                                    | D206YLL | 3,19 | Saas                     |

|      |    |                                                |      |      |                                                                                                                                    |         |      |                          |
|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------|---------|------|--------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MySQL 10 IOPS per GB Storage per Month Gigabyte-Month Pay Per Use                                          | D234PLL | 3,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for PostgreSQL Storage Gigabyte-Month Pay Per Use                                                              | D206DLL | 3,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Redis Storage Gigabyte-Month Pay Per Use                                                                   | D206NLL | 3,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Messages for RabbitMQ Storage Gigabyte-Month Pay Per Use                                                                 | D2073LL | 3,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service 4x16 Dedicated Instance (4 CPU, 16 GB RAM, 100 GB HD) per Instance-Hour Pay per Use                   | D1SL9LL | 3,15 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Content Collector Edition Eligible Participant Resource Value Unit Annual SW Subscription & Support Renewal | E0IZGLL | 3,14 | Manutenção após Vigência |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Campus Standard Server Processor Value Unit (PVU) Advanced Support Subscription Lic                   | Z0F74ZX | 3,14 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Client Device Advanced Support Subscription License                                                            | Z07CQZX | 3,14 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Extended Edition Client Device Advanced Support Subscription License                                           | Z07D2ZX | 3,14 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for SAN Client Device Advanced Support Subscription License                                                    | Z07NZZX | 3,14 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM watsonx.governance as a Service Essentials Resource Unit Pay per Use                                                           | D0H27ZX | 3,04 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Directory Standard Ed User Value Unit Monthly License                                                          | D0CTKZX | 3,01 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Advanced Statistics Server for Non-Production Environment Processor Value Unit Subscription License Upgrade               | D0EI6ZX | 3,01 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Categories Server for Non-Production Environment Processor Value Unit Subscription License Upgrade                        | D0EJ5ZX | 3,01 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Complex Samples Server for Non-Production Environment Processor Value Unit Subscription License Upgrade                   | D0EKAZX | 3,01 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Conjoint Server for Non-Production Environment Processor Value Unit Subscription License Upgrade                          | D0EKIZX | 3,01 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Custom Tables Server for Non-Production Environment Processor Value Unit Subscription License Upgrade                     | D0EIMZX | 3,01 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Decision Trees Server for Non-Production Environment Processor Value Unit Subscription License Upgrade                    | D0EJJZX | 3,01 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Direct Marketing Server for Non-Production Environment Processor Value Unit Subscription License Upgrade                  | D0EK2ZX | 3,01 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Exact Tests Server for Non-Production Environment Processor Value Unit Subscription License Upgrade                       | D0EKPZX | 3,01 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Forecasting Server for Non-Production Environment Processor Value Unit Subscription License Upgrade                       | D0EJBZX | 3,01 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Missing Values Server for Non-Production Environment Processor Value Unit Subscription License Upgrade                    | D0EIXZX | 3,01 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Neural Networks Server for Non-Production Environment Processor Value Unit Subscription License Upgrade                   | D0EJUZX | 3,01 | Upgrade                  |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Regression Server for Non-Production Environment Processor Value Unit Subscription License Upgrade                        | D0EIEZX | 3,01 | Upgrade                  |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Kilo Character per Annum                                                           | D0MRKLL | 3,00 | Saas                     |

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|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------|---------|------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataPower Operations Dashboard for API Connect Hybrid Resource Value Unit Subscription License                       | Z0BW3ZX | 2,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition Advanced Access Control Module AOS User Value Unit Extended Support 12 Months | X07JMZX | 2,96 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Access Virtual Edition Federation Module AOS User Value Unit Extended Support Subscription License   | X07JUZX | 2,96 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Operations Analytics Advanced Insights per 10 Managed Client Devices Advanced Support Subscription License           | Z2A4DLL | 2,95 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect Extended Edition 10 Processor Value Units (PVUs) Advanced Support Subscription License               | Z07D0ZX | 2,95 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | MQ Managed file Transfer Service Processor Value Unit (PVU) Extended Support Subscription License                        | X07DGZX | 2,95 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | MQ Managed file Transfer Service Processor Value Unit (PVU) Extended Support Subscription License                        | X07DHZX | 2,95 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | SevOne Network Performance Management Managed Client Device Advanced Support Subscription License                        | Z08PXZX | 2,95 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Insight Item LIC + SW S&S 12 MO                                                                          | D0BIIZX | 2,82 | Permanente com Manutenção |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF RTM Data Collectors Resource Value Unit Monthly License                                                 | D02YVZX | 2,80 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Application Gateway User Value Unit Advanced Support Subscription License                                            | Z0GZDZX | 2,78 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM Application Gateway User Value Unit Extended Support Subscription License                                            | X0GZDZX | 2,78 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Service Bandwidth (Saas) Gigabyte Overage                                                            | D1AJLLL | 2,74 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog PayGo Professional Edition Capacity Unit-Hour Pay per Use                                   | D00FYZX | 2,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Machine Learning Service Essentials Capacity Unit-Hour Pay per Use                                            | D030NZX | 2,63 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Select - Flexera One with IBM Observability Managed Client Device per Month                                              | D0G52ZX | 2,62 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM FileNet eForms for P8 Ext User User Value Unit Annual SW Subscription & Support Renewal                              | E0537LL | 2,57 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Protect for Workstations - Starter Edition Client Device Extended Support Subscription License              | X07NVZX | 2,57 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Cross-Region Data Movement for AWS Paygo 10 Terabyte-Hours Pay per Use                        | D0G43ZX | 2,54 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Object Storage for AWS Paygo 10 Terabyte-Hours Pay per Use                                    | D0G44ZX | 2,54 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Campus Base Server Processor Value Unit (PVU) Advanced Support Subscription Lic             | Z0F6WZX | 2,51 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 Content Service Bandwidth (Saas) Gigabyte per Month                                                          | D1AJKLL | 2,49 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Application Suite Dedicated Data Gigabyte per Month                                                           | D02QUZX | 2,49 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager External Authorized User Overage                                                                        | D1H89LL | 2,43 | Saas                      |



|      |    |                                                |      |      |                                                                                                                               |         |      |                          |
|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------|---------|------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Enterprise Records Add-On Eligible Participant Resource Value Unit Annual SW Subscription & Support Renewal               | E0IZELL | 2,30 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Kilo Character Overage                                                        | D0MM4LL | 2,30 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Virtualization Virtual Processor Core-Hour Pay per Use (On Demand)                                                   | D05W7ZX | 2,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Network Manager Managed Client Device Monthly License                                                                     | D28UXLL | 2,20 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Spectrum LSF RTM Data ColleSUBors Resource Value Unit Subscription License                                                | D02YWZX | 2,20 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect 10 Processor Value Units (PVUs) Extended Support Subscription License                                     | X07CSZX | 2,20 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Business Service Mapping Add-on - Flexera One with IBM Observability Managed Client Device Advanced Support per Month         | E0GAYZX | 2,18 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM MQ Advanced Message Security Processor Value Unit (PVU) Extended Support Subscription License                             | X07DBZX | 2,14 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM MQ Advanced Message Security Processor Value Unit (PVU) Extended Support Subscription License                             | X07DCZX | 2,14 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Data Bus Item Advanced Support Subscription License                                                                | Z0BGPZX | 2,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Data Insight Item Advanced Support Subscription License                                                            | Z0BIJZX | 2,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Data Insight Item Extended Support Subscription License                                                            | X0BIJZX | 2,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Network Management System HSA Item Advanced Support Subscription License                                           | Z0BJPZX | 2,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Network Management System HSA Item Extended Support Subscription License                                           | X0BJPZX | 2,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Network Management System Item Advanced Support Subscription License                                               | Z0BJJZX | 2,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Network Management System Item Extended Support Subscription License                                               | X0BJJZX | 2,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Network Management System LAB Item Advanced Support Subscription License                                           | Z0BJUZX | 2,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Network Management System LAB Item Extended Support Subscription License                                           | X0BJUZX | 2,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Advanced Statistics Server Processor Value Unit (PVU) Advanced Support Subscription License                          | Z0EI3ZX | 2,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Advanced Statistics Server Processor Value Unit (PVU) Extended Support Subscription License                          | X0EI3ZX | 2,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Bootstrapping Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription License | Z0EI1ZX | 2,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Bootstrapping Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription License | X0EI1ZX | 2,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Bootstrapping Server Processor Value Unit (PVU) Advanced Support Subscription License                                | Z0EHXZX | 2,14 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Bootstrapping Server Processor Value Unit (PVU) Extended Support Subscription License                                | X0EHXZX | 2,14 | Saas                     |

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|------|---|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------------|---------|------|------|
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Categories Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription License       | Z0EJ6ZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Categories Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription License       | X0EJ6ZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Categories Server Processor Value Unit (PVU) Advanced Support Subscription License                                      | Z0EJ2ZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Categories Server Processor Value Unit (PVU) Extended Support Subscription License                                      | X0EJ2ZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Complex Samples Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription License  | Z0EKBZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Complex Samples Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription License  | X0EKBZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Complex Samples Server Processor Value Unit (PVU) Advanced Support Subscription License                                 | Z0EK7ZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Complex Samples Server Processor Value Unit (PVU) Extended Support Subscription License                                 | X0EK7ZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Conjoint Server Processor Value Unit (PVU) Advanced Support Subscription License                                        | Z0EKDZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Conjoint Server Processor Value Unit (PVU) Extended Support Subscription License                                        | X0EKDZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Custom Tables Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription License    | Z0EINZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Custom Tables Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription License    | X0EINZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Custom Tables Server Processor Value Unit (PVU) Advanced Support Subscription License                                   | Z0EILZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Custom Tables Server Processor Value Unit (PVU) Extended Support Subscription License                                   | X0EILZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Data Preparation Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription License | Z0EHTZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Data Preparation Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription License | X0EHTZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Data Preparation Server Processor Value Unit (PVU) Advanced Support Subscription License                                | Z0EHPZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Data Preparation Server Processor Value Unit (PVU) Extended Support Subscription License                                | X0EHPZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Decision Trees Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription License   | Z0EJKZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Decision Trees Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription License   | X0EJKZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Decision Trees Server Processor Value Unit (PVU) Advanced Support Subscription License                                  | Z0EJIZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Decision Trees Server Processor Value Unit (PVU) Extended Support Subscription License                                  | X0EJIZX | 2,14 | Saas |

|      |   |                                                |      |      |                                                                                                                                |         |      |      |
|------|---|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------------------------------------|---------|------|------|
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Exact Tests Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription License    | Z0EKQZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Exact Tests Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription License    | X0EKQZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Exact Tests Server Processor Value Unit (PVU) Advanced Support Subscription License                                   | Z0EKNZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Exact Tests Server Processor Value Unit (PVU) Extended Support Subscription License                                   | X0EKNZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Forecasting Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription License    | Z0EJCZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Forecasting Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription License    | X0EJCZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Forecasting Server Processor Value Unit (PVU) Advanced Support Subscription License                                   | Z0EJAZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Forecasting Server Processor Value Unit (PVU) Extended Support Subscription License                                   | X0EJAZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Missing Values Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription License | Z0EIYZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Missing Values Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription License | X0EIYZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Missing Values Server Processor Value Unit (PVU) Advanced Support Subscription License                                | Z0EIUZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Missing Values Server Processor Value Unit (PVU) Extended Support Subscription License                                | X0EIUZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Neural Networks Server Processor Value Unit (PVU) Advanced Support Subscription License                               | Z0EJRZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Neural Networks Server Processor Value Unit (PVU) Extended Support Subscription License                               | X0EJRZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Regression Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription License     | Z0EIFZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Regression Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription License     | X0EIFZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Regression Server Processor Value Unit (PVU) Advanced Support Subscription License                                    | Z0EIBZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Regression Server Processor Value Unit (PVU) Extended Support Subscription License                                    | X0EIBZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Telco Network Cloud Manager - Performance Reserved Managed Client Device Advanced Support Subscription License             | Z09JHZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Telco Network Cloud Manager - Performance Reserved Managed Client Device Extended Support Subscription License             | X09JHZX | 2,14 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog PayGo Professional and Enterprise Edition Capacity Unit-Hour Pay per Use                          | D0443ZX | 2,13 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Machine Learning Service Standard Capacity Unit-Hour Pay per Use                                                    | D030MZX | 2,13 | Saas |

|      |    |                                                |      |      |                                                                                                                      |         |      |                          |
|------|----|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------|---------|------|--------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM Spectrum Protect for Workstations - Starter Edition Client Device Advanced Support Subscription License          | Z07NVZX | 1,95 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Virtual Environments 10 Processor Value Units (PVUs) Extended Support Subscription License   | X07PMZX | 1,95 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager Enterprise Edition Eligible Participant Resource Value Unit Monthly License                      | D1FY9LL | 1,95 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FileNet Content Manager Eligible Participant Resource Value Unit Monthly License                                 | D1G0YLL | 1,95 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Containers Storage Volume 2 IOPS Gigabyte-Month Pay per Use                                                      | D1JQCLL | 1,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Collaboration Network Kilo Character per Month                                             | D0MFQLL | 1,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Process Enrichment Service 1K Server Calls Overage                       | D0MNKLL | 1,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Synchronous B2B Process Service 1K Server Calls Overage                  | D0MN7LL | 1,93 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Network Management System Automated Observability Item Monthly License                                    | D0GIIZX | 1,89 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Advanced Statistics Server Processor Value Unit (PVU) Extended Support Subscription Lic | X0F6SZX | 1,89 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Categories Server Processor Value Unit (PVU) Extended Support Subscription Lic          | X0F7KZX | 1,89 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Complex Samples Server Processor Value Unit (PVU) Extended Support Subscription Lic     | X0F7VZX | 1,89 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Conjoint Server Processor Value Unit (PVU) Extended Support Subscription Lic            | X0F7ZZX | 1,89 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Decision Trees Server Processor Value Unit (PVU) Extended Support Subscription Lic      | X0F8FZX | 1,89 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Direct Marketing Server Processor Value Unit (PVU) Extended Support Subscription Lic    | X0F83ZX | 1,89 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Exact Tests Server Processor Value Unit (PVU) Extended Support Subscription Lic         | X0F87ZX | 1,89 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Forecasting Server Processor Value Unit (PVU) Extended Support Subscription Lic         | X0F7PZX | 1,89 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Missing Values Server Processor Value Unit (PVU) Extended Support Subscription Lic      | X0F7GZX | 1,89 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Neural Networks Server Processor Value Unit (PVU) Extended Support Subscription Lic     | X0F8BZX | 1,89 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Regression Server Processor Value Unit (PVU) Extended Support Subscription Lic          | X0F78ZX | 1,89 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM Network Manager Managed Client Device Subscription License                                                       | D28UVLL | 1,79 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM VIDEO STREAMING - GOLD EDITION HOUR OVERAGE                                                                      | D1TDNLL | 1,77 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Insight Item SW S&S Reinstate 12 Mo                                                                  | D0BIKZX | 1,70 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Case Manager External Authorized User Advanced Support per Month                                                     | E0FYFZX | 1,68 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Case Manager External Authorized User per Month                                                                  | D1H88LL | 1,68 | Saas                     |

|      |    |                                                |      |      |                                                                                                                                                            |         |      |                           |
|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM Content Foundation Add On for IBM Content Manager Enterprise Edition Eligible Participant Resource Value Unit Annual SW Subscription & Support Renewal | E0IFILL | 1,64 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect 10 Processor Value Units (PVUs) Advanced Support Subscription License                                                                  | Z07CSZX | 1,64 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Process Enrichment Service 1K Server Calls per Month                                                           | D0MEVLL | 1,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Synchronous B2B Process Service 1K Server Calls per Month                                                      | D0MEKLL | 1,62 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DB2 on Cloud Backups 10000 Gigabyte-Hours Pay per Use                                                                                                  | D02GSZX | 1,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Retrieve Cluster for IBM Cloud Instance-Hour Pay Per Use                                                                                        | D1JCLLL | 1,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Application Server in Cloud - WebSphere Application Server Base Instance Hour Pay Per Use                                                    | D1JEBLL | 1,57 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Manager OnDemand Eligible Participant Resource Value Unit Monthly License                                                                      | D1FYGLL | 1,56 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Self Service User Authorized User Overage                                                     | D1C3PLL | 1,55 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Network Management System Automated Observability Item Subscription License                                                                     | D0GIGZX | 1,50 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Bus Item LIC + SW S&S 12 MO                                                                                                                | D0BGNZX | 1,45 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne xStats Adapter for AppNeta Install Annual SW S&S Rnwl                                                                                           | E0BK1ZX | 1,45 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne xStats Adapter for Generic CSV Install Annual SW S&S Rnwl                                                                                       | E0BK5ZX | 1,45 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Storage Protect for Virtual Environments 10 Processor Value Units (PVUs) Advanced Support Subscription License                                         | Z07PMZX | 1,45 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM VIDEO STREAMING - PLATINUM EDITION HOUR OVERAGE                                                                                                        | D1TDQLL | 1,42 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Network Management System Item Subscription License                                                                                             | D0BJJZX | 1,39 | Assinatura                |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud (TRIRIGA) Self Service User Authorized User Per Month                                                   | D1C2YLL | 1,30 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Compute for AWS Paygo Virtual Processor Core-Hour Pay per Use                                                                   | D0EVUZX | 1,26 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Advanced Statistics Server for Non-Prod Environment Processor Value Unit (PVU) Extended Support Subscription Lic              | X0F6UZX | 1,25 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Advanced Statistics Server Processor Value Unit (PVU) Advanced Support Subscription Lic                                       | Z0F6SZX | 1,25 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Categories Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription Lic                 | X0F7MZX | 1,25 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Categories Server Processor Value Unit (PVU) Advanced Support Subscription Lic                                                | Z0F7KZX | 1,25 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Complex Samples Server for Non-Prod Environment Processor Value Unit (PVU) Extended Support Subscription Lic                  | X0F7XZX | 1,25 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Complex Samples Server Processor Value Unit (PVU) Advanced Support Subscription Lic                                           | Z0F7VZX | 1,25 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Conjoint Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription Lic                   | X0F81ZX | 1,25 | Assinatura                |

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|------|---|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|------|------------|
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Conjoint Server Processor Value Unit (PVU) Advanced Support Subscription Lic                                     | Z0F7ZZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Custom Tables Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription Lic | X0F7CZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Custom Tables Server Processor Value Unit (PVU) Extended Support Subscription Lic                                | X0F7AZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Decision Trees Server for Non-Production Environmen Processor Value Unit (PVU) Extended Support Subscription Lic | X0F8HZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Decision Trees Server Processor Value Unit (PVU) Advanced Support Subscription Lic                               | Z0F8FZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Direct Marketing Server for Non-Prod Environment Processor Value Unit (PVU) Extended Support Subscription Lic    | X0F85ZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Direct Marketing Server Processor Value Unit (PVU) Advanced Support Subscription Lic                             | Z0F83ZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Exact Tests Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription Lic   | X0F89ZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Exact Tests Server Processor Value Unit (PVU) Advanced Support Subscription Lic                                  | Z0F87ZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Forecasting Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription Lic   | X0F7EZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Forecasting Server Processor Value Unit (PVU) Advanced Support Subscription Lic                                  | Z0F7PZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Missing Values Server for Non-Production Environmen Processor Value Unit (PVU) Extended Support Subscription Lic | X0F7RZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Missing Values Server Processor Value Unit (PVU) Advanced Support Subscription Lic                               | Z0F7GZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Neural Networks Server for Non-Prod Environment Processor Value Unit (PVU) Extended Support Subscription Lic     | X0F8DZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Neural Networks Server Processor Value Unit (PVU) Advanced Support Subscription Lic                              | Z0F8BZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Regression Server for Non-Production Environment Processor Value Unit (PVU) Extended Support Subscription Lic    | X0F7IZX | 1,25 | Assinatura |
| Real | 1 |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Regression Server Processor Value Unit (PVU) Advanced Support Subscription Lic                                   | Z0F78ZX | 1,25 | Assinatura |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM WebSphere Application Server in Cloud - Liberty Core Instance Hour Pay                                                                    | D1JEALL | 1,12 | Saas       |
| Real | 1 |                                                | PPA  | 7831 | IBM Content Manager OnDemand Eligible Participant Resource Value Unit SUBSCRIPTION LICENSE                                                    | D07VCZX | 1,06 | Assinatura |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Business Service Mapping Add-on - Flexera One with IBM Observability Managed Virtual Server Advanced Support per Month                        | E0GAXZX | 1,05 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - Log Insights Data Retention Gigabyte-Day Overage                                                                  | D0DQVZX | 1,01 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Advanced Agile Discovery Managed Client Device Monthly License                                                                            | D28U4LL | 1,00 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data as a Service 1 Brazilian Real Overage                                                                                  | D01BQZX | 1,00 | Saas       |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data as a Service 1 Brazilian Real per Month                                                                                | D01BPZX | 1,00 | Saas       |

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|------|----|------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------|---------|------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pay as You Go Premium Support 1 Brazilian Real per Month                                               | D0B26ZX | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pay as You Go Remaining Commitment Premium Support 1 Brazilian Real per Month                          | D0B27ZX | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Platform 1 Brazilian Real Overage                                                                      | D1U0TLL | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Platform 1 Brazilian Real per Month                                                                    | D1U0SLL | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Subscription 1 Brazilian Real Overage                                                                  | D09KGZX | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Subscription 1 Brazilian Real per Month                                                                | D09KFZX | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Power Virtual Server Subscription for IBM Cloud 1 Brazilian Real Overage                                     | D06Q2ZX | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Power Virtual Server Subscription for IBM Cloud 1 Brazilian Real per Month                                   | D06Q1ZX | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PureApplication Service Subscription 1 Brazilian Real per Month                                              | D1H9ZLL | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM PureApplication Service Subscription per 1 Brazilian Real (BRL) Overage                                      | D1HA0LL | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson IoT Platform Subscription for IBM Cloud 1 Brazilian Real Overage                                      | D01DPZX | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson IoT Platform Subscription for IBM Cloud 1 Brazilian Real per Month                                    | D01DNZX | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Subscription for IBM Cloud 1 Brazilian Real Overage                                                   | D018UZX | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Subscription for IBM Cloud 1 Brazilian Real per Month                                                 | D018TZX | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM watsonx as a Service 1 Brazilian Real Overage                                                                | D0FH0ZX | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM watsonx as a Service 1 Brazilian Real per Month                                                              | D0FGZZX | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM watsonx Code Assistant Service 1 Brazilian Real Overage                                                      | D0GSGZX | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM watsonx Code Assistant Service 1 Brazilian Real per Month                                                    | D0GSFZX | 1,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Platform Bandwidth per Gigabyte 3rd Party per Month                                                          | D1VI5LL | 0,94 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Box Platform Storage per Gigabyte 3rd Party per Month                                                            | D1VI1LL | 0,94 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Network Management System Automated Observability Item SL UPGRADE                                     | D0GIJZX | 0,94 | Upgrade                   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Content Collector for SAP Applications External User Value Unit Monthly                                      | D1FX6LL | 0,93 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Bus Item SW S&S Reinstate 12 Mo                                                                  | D0BGQZX | 0,88 | Manutenção após Vigência  |
| Real | 1  |                                                | PPA  | 7831 | IBM Advanced Agile Discovery Managed Client Device Subscription License                                          | D28U2LL | 0,79 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Email External User Value Unit Annual SW Subscription & Support Renewal                | E06KTLL | 0,79 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for Microsoft SharePoint External User Value Unit Annual SW Subscription & Support Renewal | E07QRLL | 0,79 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for AIOps - Network Configuration Manager Managed Client Device Subscription License               | D28MVLL | 0,75 | Saas                      |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps - Network Configuration Manager Managed Client Device Subscription License        | D28MQLL | 0,75 | Assinatura                |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Bus HSA Item LIC + SW S&S 12 MO                                                                  | D0BGTZX | 0,75 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Bus LAB Item LIC + SW S&S 12 MO                                                                  | D0BGXZX | 0,75 | Permanente com Manutenção |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Network Management System HSA Item Subscription License                                               | D0BJPZX | 0,69 | Assinatura                |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Network Management System LAB Item Subscription License                                               | D0BJUZX | 0,69 | Assinatura                |

|      |    |                                                |      |      |                                                                                                                                               |         |      |                          |
|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|------|--------------------------|
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Advanced Statistics Server for Non-Prod Environment Processor Value Unit (PVU) Advanced Support Subscription Lic | Z0F6UZX | 0,63 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Categories Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription Lic    | Z0F7MZX | 0,63 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Complex Samples Server for Non-Prod Environment Processor Value Unit (PVU) Advanced Support Subscription Lic     | Z0F7XZX | 0,63 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Conjoint Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription Lic      | Z0F81ZX | 0,63 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Custom Tables Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription Lic | Z0F7CZX | 0,63 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Custom Tables Server Processor Value Unit (PVU) Advanced Support Subscription Lic                                | Z0F7AZX | 0,63 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Decision Trees Server for Non-Production Environmen Processor Value Unit (PVU) Advanced Support Subscription Lic | Z0F8HZX | 0,63 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Direct Marketing Server for Non-Prod Environment Processor Value Unit (PVU) Advanced Support Subscription Lic    | Z0F85ZX | 0,63 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Exact Tests Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription Lic   | Z0F89ZX | 0,63 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Forecasting Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription Lic   | Z0F7EZX | 0,63 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Missing Values Server for Non-Production Environmen Processor Value Unit (PVU) Advanced Support Subscription Lic | Z0F7RZX | 0,63 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Neural Networks Server for Non-Prod Environment Processor Value Unit (PVU) Advanced Support Subscription Lic     | Z0F8DZX | 0,63 | Assinatura               |
| Real | 1  |                                                | PPA  | 7831 | IBM SPSS Statistics Academic Regression Server for Non-Production Environment Processor Value Unit (PVU) Advanced Support Subscription Lic    | Z0F7IZX | 0,63 | Assinatura               |
| Real | 12 |                                                | PPA  | 7831 | IBM Content Collector for File Systems External User Value Unit Annual SW Subscription & Support Renewal                                      | E06KVLL | 0,56 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Data Replication Staging Zone Terabyte-Hour Pay per Use                                                            | D0425ZX | 0,56 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Insight Item Annual SW S&S Rnwl                                                                                               | E0BIHZX | 0,56 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Insight Item Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months                         | D0BIGZX | 0,56 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for AIOps - Network Configuration Manager Managed Client Device SL UPGRADE                                                      | D292QLL | 0,50 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM Cloud Pak for Watson AIOps - Network Configuration Manager Managed Client Device Subscription License Upgrade                             | D292PLL | 0,50 | Upgrade                  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Backup for AWS Paygo Terabyte-Hour Pay per Use                                                                     | D0EVQZX | 0,45 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Bus HSA Item SW S&S Reinstate 12 Mo                                                                                           | D0BGUZX | 0,44 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Bus LAB Item SW S&S Reinstate 12 Mo                                                                                           | D0BGYZX | 0,44 | Manutenção após Vigência |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Object Storage for AWS Paygo Terabyte-Hour Pay per Use                                                             | D0EVWZX | 0,25 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Bus Item Annual SW S&S Rnwl                                                                                                   | E0BGMZX | 0,25 | Manutenção após Vigência |



|      |    |                                                |      |      |                                                                                                                       |         |      |                          |
|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------|---------|------|--------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Bus Item Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months     | D0BGLZX | 0,25 | Upgrade com Manutenção   |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for MongoDB Gigabyte Backup Gigabyte-Month Pay per Use                                  | D0315ZX | 0,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Hyper Protect DBaaS for PostgreSQL Gigabyte Backup Gigabyte-Month Pay per Use                               | D031JZX | 0,21 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Advanced Additional Egress Gigabyte Pay per Use                                                   | D04PXZX | 0,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Advanced Additional Storage Gigabyte Pay per Use                                                  | D04PWZX | 0,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Enterprise Additional Egress Gigabyte Pay per Use                                                 | D04Q1ZX | 0,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Enterprise Additional Storage Gigabyte Pay per Use                                                | D04Q0ZX | 0,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Pay as you go Storage Gigabyte Pay per Use                                                        | D04Q4ZX | 0,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Standard Additional Egress Gigabyte Pay per Use                                                   | D04Q9ZX | 0,19 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Standard Additional Storage Gigabyte Pay per Use                                                  | D04Q8ZX | 0,19 | Saas                     |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Bus HSA Item Annual SW S&S Rnwl                                                                       | E0BGSZX | 0,19 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Bus HSA Item Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months | D0BGRZX | 0,19 | Upgrade com Manutenção   |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Bus LAB Item Annual SW S&S Rnwl                                                                       | E0BGWZX | 0,19 | Manutenção após Vigência |
| Real | 12 |                                                | PPA  | 7831 | IBM SevOne Data Bus LAB Item Migration from Legacy Acquisition Trade Up License + SW Subscription & Support 12 Months | D0BGVZX | 0,19 | Upgrade com Manutenção   |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Data Insight Item Subscription License                                                                     | D0BIJZX | 0,13 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Warehouse on Cloud Cross-Region Data Movement for AWS Paygo Terabyte-Hour Pay per Use                         | D0EUVZX | 0,11 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Dialog for IBM Cloud API Call Pay Per Use                                                                  | D1J6QLL | 0,11 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Advanced Support 1 Brazilian Real Overage                                                                   | D1U2BLL | 0,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Advanced Support 1 Brazilian Real per Month                                                                 | D1U2ALL | 0,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Premium Support 1 Brazilian Real Overage                                                                    | D1U4TLL | 0,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Premium Support 1 Brazilian Real per Month                                                                  | D1U4SLL | 0,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Subscription Advanced Support 1 Brazilian Real Overage                                                      | D0B36ZX | 0,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Subscription Advanced Support 1 Brazilian Real per Month                                                    | D0B35ZX | 0,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Subscription Premium Support 1 Brazilian Real Overage                                                       | D0B45ZX | 0,10 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Subscription Premium Support 1 Brazilian Real per Month                                                     | D0B44ZX | 0,10 | Saas                     |
| Real | 1  |                                                | PPA  | 7831 | IBM SevOne Data Bus Item Subscription License                                                                         | D0BGPZX | 0,06 | Assinatura               |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Db2 on Cloud HDMP RAM Flex Gigabyte Pay Per Use                                                                       | D1YKPLL | 0,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Db2 on Cloud HDMP Storage Flex Gigabyte Pay Per Use                                                                   | D1YKNLL | 0,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Db2 on Cloud HDMP Virtual Processor Core Flex Virtual Processor Core Pay Per Use                                      | D1YKMLL | 0,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Flexera One with IBM Observability Service Level Agreement                                                            | D09T7ZX | 0,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Hyper Protect Crypto Services Pay Per Use                                                                             | D09SPZX | 0,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AIOps Insights Service Level Agreement per Month                                                                  | D0ERZZX | 0,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM AlchemyAPI for IBM Cloud Service Level Agreement                                                                  | D1NPULL | 0,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Analytics Engine Service Level Agreement                                                                          | D009CZX | 0,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Cloud Service Service Level Agreement                                                                 | D1UV1LL | 0,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM API Connect Reserved Instance SLA Service Level Agreement                                                         | D1Y5NLL | 0,00 | Saas                     |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability SLA SVC Level Agreement                                                                       | D0GVZZX | 0,00 | Saas                     |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------|---------|------|------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Targetprocess SLA SVC Level Agreement                                                                      | D0GV5ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM ApptioOne SLA SVC Level Agreement                                                                                 | D0GWAZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera Enterprise On Demand - Gigabyte Overage                                                                    | D05I5ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera on Cloud Pay as you go Access per Month                                                                    | D04Q2ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Aspera On Cloud Service Level Agreement                                                                           | D00IYZX | 0,00 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Instance Advanced Support per Annum                                                                | E0G7RZX | 0,00 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Instance per Annum                                                                                 | D01MWZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Blueworks Live Service Level Agreement                                                                            | D157MLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud - Federal Service Level Agreement                                               | D1B4SLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Express Service Level Agreement                                                 | D1RK5LL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Premium Availability Concurrent User Overage                                    | D1ZXELL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Premium Availability for Additional Process Environment Concurrent User Overage | D1ZXGLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Business Process Manager on Cloud Service Level Agreement                                                         | D134RLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud App Configuration Basic Instance Application instance Pay per Use                                           | D05BLZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Application Performance Management Service Level Agreement                                                  | D12WYLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Availability Monitoring Service Level Agreement CUNone                                                      | D1P2SLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Container Registry per CUNone Service Level Agreement                                                       | D1SL2LL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Continuous Delivery Professional Authorized User Service Level Agreement                                    | D1Q5ALL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Enterprise Rollup Pay per Use                                                   | D0F5FZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Enterprise Service Level Agreement SVC Level Agreement                          | D0DH3ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Platinum Rollup Pay per Use                                                     | D0F5GZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Platinum Service Level Agreement SVC Level Agreement                            | D0FLWZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Rollup Pay per Use                                                              | D0F1IZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Elasticsearch Service Level Agreement                                                         | D206XLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for EnterpriseDB Rollup Pay per Use                                                               | D0F1JZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for EnterpriseDB Service Level Agreement                                                          | D02LPZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for etcd Rollup Pay per Use                                                                       | D0F1KZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for etcd Service Level Agreement                                                                  | D206MLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MongoDB Enterprise Rollup Pay per Use                                                         | D0F5HZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MongoDB Service Level Agreement                                                               | D2072LL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MongoDB Sharding Rollup Pay per Use                                                           | D0F5IZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MongoDB Standard Rollup Pay per Use                                                           | D0F1LZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MySQL Rollup Pay per Use                                                                      | D0F1MZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for MySQL Service Level Agreement                                                                 | D234TLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for PostgreSQL Rollup Pay per Use                                                                 | D0F1NZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for PostgreSQL Service Level Agreement                                                            | D206HLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Redis Rollup Pay per Use                                                                      | D0F1QZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Databases for Redis Service Level Agreement                                                                 | D206SLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Dedicated Data Repositories Service Level Agreement                                                         | D1D5PLL | 0,00 | Saas |

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|------|----|------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------|---------|------|------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud DevOps Insights Service Level Agreement                                             | D1V7TLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Management Service Level Agreement                                            | D007KZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Event Management Service Level Agreement                                            | D00DAZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Functions Service Level Agreement                                                   | D1RU5LL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Integration Subscription for IBM Cloud Service Level Agreement                      | D01HDZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service Dedicated Host Pay per Use                                       | D05X2ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service for Bare Metal Classic Infrastructure Pay per Use                | D02Y1ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service for Reserved Instances Pay per Use                               | D0414ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Kubernetes Service for Virtual Private Cloud Gen2 Pay per Use                       | D02AFZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Lift Service Level Agreement                                                        | D1NM6LL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Messages for RabbitMQ Rollup Pay per Use                                            | D0F1PZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Messages for RabbitMQ Service Level Agreement                                       | D2077LL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Object Storage on Satellite Pay per Use                                             | D08ZDZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Object Storage SW ESA Terabyte-Month Pay Per Use                                    | D08W0ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Business Automation as a Service Thousand FlexPoint Service Level Agreement | D21YFLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Data as a Service Service Level Agreement                                   | D01CJZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pak for Security as a Service Service Level Agreement                               | D05SPZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Pay Per Use Access per Month                                                        | D15V7LL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Platform Service Level Agreement                                                    | D1U1MLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Runtime for Swift Service Level Agreement                                           | D1Q7ZLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Satellite Agent Bandwidth Pay per Use                                               | D09Y0ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Satellite for IBM Cloud Kubernetes Service Pay per Use                              | D04Y7ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Satellite for Red Hat OpenShift on IBM Cloud Pay per Use                            | D04Y8ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Satellite Host Pay per Use                                                          | D04Y5ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Satellite Infrastructure Services Pay per Use                                       | D04Y6ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud SQL Query Svc Lvl Agreement                                                         | D00L1ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Subscription Service Level Agreement                                                | D09LAZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloud Virtual Servers for VPC - LinuxONE Virtual Processor Core-Hour Pay                  | D06DPZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudant Dedicated ClusterService Level Agreement                                         | D1AX5LL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud for Planning Analytics Authorized User per Month                | D08PGZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Hosted Service Level Agreement                                  | D1G9CLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud per Authorized User PER MONTH                                   | D2302LL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics on Cloud Service Level Agreement                                         | D01N4ZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Analytics Standard for Planning Analytics on Cloud Authorized User per Month       | D08PFZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cognos Dashboard Embedded Service Level Agreement                                         | D00EEZX | 0,00 | Saas |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Commerce on Cloud-Pre Go Live Support-No Charge Instance per Annum                        | D003VZX | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose Enterprise paygo Service Level Agreement                                          | D1TR6LL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose for JanusGraph Service Level Agreement                                            | D1TRZLL | 0,00 | Saas |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose for MySQL for IBM Cloud SLA CUNONE Pay Per Use                                    | D1RV6LL | 0,00 | Saas |

|      |    |                                                |      |      |                                                                                                                                             |         |      |                           |
|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------|---------|------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Compose for ScyllaDB for IBM Cloud SLA CUNONE Pay Per Use                                                                               | D1RV8LL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Control Desk on Cloud Non-Production Instance PER MONTH                                                                                 | D0TDJLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Observability by Databand Managed Service Level Agreement                                                                          | D0BUFZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Data Virtualization Service Level Agreement Pay per Use (On Demand)                                                                     | D05W8ZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage as a Service Service Level Agreement Per Month                                                                                | D05WBZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM DataStage Cloud Pak for Data as a Service Usage Pay per Use                                                                             | D0D48ZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted HDMP Flex Virtual Processor Core Pay Per Use                                                                                 | D1YKGLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted HDMP RAM Flex Gigabyte Pay Per Use                                                                                           | D1YKHLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Db2 Hosted HDMP Storage Flex Gigabyte Pay Per Use                                                                                       | D1YKILL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Engineering Lifecycle Management Extended Saas Service Level Agreement                                                                  | D2256LL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Enterprise Video Streaming - Service Level Agreement                                                                                    | D1Q8PLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Environmental Intelligence Suite Service Level Agreement                                                                                | D042RZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Envizi ESG Suite Service Level Agreement                                                                                                | D09SLZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Facilities and Real Estate Management on Cloud for US Federal (TRIRIGA) Availability for Non-Production Systems Service Level Agreement | D1Y5MLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM FIRST Risk Case Studies Svc Lvl Agreement                                                                                               | D106FLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Hybrid Cloud DNS Service Level Agreement                                                                                                | D0GZ2ZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Information Server on Cloud Paygo Service Level Agreement                                                                               | D1TZBLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Intelligent Operations Center on Cloud Service Level Agreement                                                                          | D21TYLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM IoT Connected Vehicle Insights Service Level Agreement                                                                                  | D1R16LL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Key Protect for IBM Cloud Cunone Service Level Agreement                                                                                | D1L8LLL | 0,00 | Saas                      |
| Real | 12 |                                                | PPA  | 7831 | IBM License Metric Tool Per Establishment Annual SW Subscription & Support Renewal                                                          | E027NLL | 0,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM License Metric Tool Per Establishment License + SW Subscription & Support 12 Months                                                     | D561HLL | 0,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM License Metric Tool Per Establishment SW Subscription & Support Reinstatement 12 Months                                                 | D561ILL | 0,00 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MaaS360 VPN (Saas) Service Level Agreement                                                                                              | D1SU4LL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Master Data Management on Cloud Paygo Service LEVEL AGREEMENT                                                                           | D1TVNLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Application Suite AddOn Service Level Agreement                                                                                  | D070IZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo Application Suite as a Service SLA                                                                                               | D0A50ZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Anywhere Saas Flex for for US Federal Add-On Service Level Agreement                                                         | D1MEULL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Saas Flex Service Level Agreement                                                                                            | D1C72LL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Maximo EAM Spatial Asset Management Add-On Saas Flex Service Level Agreement                                                            | D1MA7LL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Mobile Analytics for IBM Cloud Service Level Agreement                                                                                  | D1Q7XLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM MQ on Cloud Service Level Agreement                                                                                                     | D1XERLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netezza Performance Server Paygo on AWS Cloud Pay per Use                                                                               | D07IIZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netezza Performance Server Paygo on Azure Cloud Pay per Use                                                                             | D07IHZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Netezza Performance Server Paygo Service Level Agreement                                                                                | D07IKZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM NS1 Connect Service Level Agreement                                                                                                     | D0GNDZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM OpenPages as a Service Service Level Agreement SVC Level Agreement                                                                      | D0GZYZX | 0,00 | Saas                      |

|      |   |                                                |      |      |                                                                                                                            |         |      |      |
|------|---|------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------------|---------|------|------|
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics as a Service - Service Level Agreement SVC Level Agreement                                          | D0DDQZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Planning Analytics Service Level Agreement                                                                             | D11C4LL | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Power Systems VS on IBM Cloud - Fixed IOPS Pay per Use                                                                 | D0GLTZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Power Systems VS on IBM Cloud - Tier 0 Storage Pay per Use                                                             | D0GHNZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Power Virtual Server Subscription for IBM Cloud Service Level Agreement                                                | D06QWZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM QRadar Advisor with Watson Service Level Agreement                                                                     | D1S7HLL | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Quantum Premium Plan Service Level Agreement                                                                           | D0AKLZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Robotic Process Automation as a Service Service Level Agreement                                                        | D03YWZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Secure Gateway for IBM Cloud Service Level Agreement                                                                   | D1L7TLL | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Package (Saas) Service Level Agreement SVC Level Agreement                                             | D0A8UZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security QRadar Suite - Log Insights Service Level Agreement                                                           | D0DQWZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Randori Recon - Standard SVC Level Agreement                                                                  | D0CPKZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Security Verify Service Level Agreement                                                                                | D1SNILL | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SevOne Data Bus Item Extended Support Subscription License                                                             | X0BGPZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Speech to Text for IBM Cloud Service Level Agreement                                                                   | D1L7JLL | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM SPSS Modeler Subscription SVC Level Agreement                                                                          | D221WLL | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-AddOn-Sterling Catalog & Transaction Manager-Service Level Agreement SVC Level Agreement | D014UZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Base Customer Service Response Time Service Level Agreement                              | D005FZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Base Service Level Agreement                                                             | D005KZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Integration Saas-Base-Support-Total Throughput-Service Level Agreement                                    | D005MZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services - Collaboration Network - Throughput Service Level Agreement                                     | D0P9ZLL | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services - Collaboration Network - Uptime Service Level Agreement                                         | D0PA0LL | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Customer Service Response Time Service Level Agreement                                           | D0YIBLL | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services File Transfer Service-Uptime Surcharge Service Level Agreement                                   | D0PA1LL | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic - Throughput Advance Ship Notice                                               | D0P9YLL | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling B2B Services Integration Basic Transformation Services Surcharge Document per Month                           | D0MF7LL | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Intelligent Promising Service Level Agreement                                                                 | D06TIZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Sterling Order Management-Essentials Edition Service Level Agreement                                                   | D1SHRLL | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Defender as a service Service Level Agreement                                                                  | D0EVKZX | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Storage Insights Pro Service Level Agreement per CUNONE                                                                | D1I0ZLL | 0,00 | Saas |
| Real | 1 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Supply Chain Intelligence Suite Service Level Agreement                                                                | D076LZX | 0,00 | Saas |

|      |    |                                                |      |      |                                                                                                                               |         |      |                           |
|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------------------------------------------------------|---------|------|---------------------------|
| Real | 12 |                                                | PPA  | 7831 | IBM System Storage SAN Volume Controller Entry Edition FlashCopy Disk Drive Annual SW Subscription & Support Renewal          | E05FILL | 0,00 | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM System Storage SAN Volume Controller Entry Edition FlashCopy Disk Drive License + SW Subscription & Support 12 Months     | D058BLL | 0,00 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM System Storage SAN Volume Controller Entry Edition FlashCopy Disk Drive SW Subscription & Support Reinstatement 12 Months | D058CLL | 0,00 | Manutenção após Vigência  |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Text to Speech for IBM Cloud Service Level Agreement                                                                      | D1L7KLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM TRIRIGA Building Insights Service Level Agreement                                                                         | D00L6ZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Fraud Protection Service Level Agreement                                                                         | D170MLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Mobile Service Level Agreement                                                                                   | D20B9LL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Pinpoint Assure Service Level Agreement                                                                          | D20B8LL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Trusteer Rapport Service Level Agreement                                                                                  | D20B7LL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Turbonomic Application Resource Management SVC Level Agreement                                                            | D09EEZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Video Highlights Service Level Agreement                                                                                  | D012GZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Video Streaming Service Level Agreement                                                                                   | D1Q8CLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Voice Agent with Watson Service Level Agreement                                                                           | D1YM4LL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Care Manager Government Service Level Agreement                                                                    | D1VLELL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Catalog Cloud Pak for Data as a Service Usage Pay per Use                                                | D0D49ZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Knowledge Studio for Bluemix Service Level Agreement                                                               | D00EBZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Machine Learning Cloud Pak for Data as a Service Usage Pay per Use                                                 | D0D4AZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson OpenScale Service Level Agreement                                                                                  | D00U4ZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson OpenScale Cloud Pak for Data as a Service Usage Pay per Use                                                        | D0D4BZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Orchestrate Service Level Agreement                                                                                | D09UJZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Query Cloud Pak for Data as a Service Usage Pay per Use                                                            | D0D4CZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Studio Cloud Pak for Data as a Service Usage Pay per Use                                                           | D0D4DZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Subscription for IBM Cloud Service level Agreement                                                                 | D019NZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Insights-Enterprise-Standard Edition-Base Support Service Level Agreement                             | D00N7ZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Supply Chain Insights-Standard Edition-Base-Support-Service Level Agreement                                        | D00BLZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Tone Analyzer for IBM Cloud Service Level Agreement                                                                | D1N6LLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Watson Visual Recognition for IBM Cloud Service Level Agreement                                                           | D1N6RLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM watsonx as a Service Service Level Agreement                                                                              | D0FHSZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM X-Force Exchange Commercial API Service Level Agreement Service Level Agreement                                           | D1NIKLL | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Noname Advanced API Security as a Service for IBM SLA per Month                                                               | D0EUIZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Process Mining Service Level Agreement                                                                                        | D09XLZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat Marketplace, Operated by IBM Access per Month                                                                         | D0227ZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud for Bare Metal Classic Infrastructure Pay per Use                                              | D02Y2ZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud for Virtual Private Cloud Gen2 Pay per Use                                                     | D02AEZX | 0,00 | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud OCP hourly license Pay per Use                                                                 | D072BZX | 0,00 | Saas                      |

|      |    |                                                |      |      |                                                                                                  |         |            |                           |
|------|----|------------------------------------------------|------|------|--------------------------------------------------------------------------------------------------|---------|------------|---------------------------|
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM Cloud OpenShift Container Storage (OCS) Pay per Use                     | D047NZX | 0,00       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Red Hat OpenShift on IBM for Cloud Reserved Instances Pay per Use                                | D0415ZX | 0,00       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Unified Key Orchestrator Pay Per Use                                                             | D09SQZX | 0,00       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Operations Dashboard SLA Service Level Agreement                                 | D1VVZLL | 0,00       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | Weather Company Power Generation Forecasts Service Level Agreement                               | D028RZX | 0,00       | Saas                      |
| Real | 1  | Métrica A- 1 - 9 / Contratação mínima 12 meses | PPA  | 7831 | IBM Maximo IT per AppPoint License + SW Subscription & Support 12 Months                         | D0GKIZX | 15.030,63  | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability SLA SVC Level Agreement                                                  | D0GVZZX | 0,00       | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Essentials Annual Commit Monitored Costs per Annum                       | D0M7YZX | 10.894,08  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Essentials Annual Commit Monitored Costs Overage                         | D0M7ZZX | 12.000,93  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Essentials Total Commit Monitored Costs per Annum                        | D0M81ZX | 10.894,08  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Essentials Total Commit Monitored Costs Overage                          | D0M82ZX | 12.000,93  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Standard Annual Commit Monitored Costs per Annum                         | D0M8AZX | 15.594,96  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Standard Annual Commit Monitored Costs Overage                           | D0M8BZX | 17.161,96  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Standard Total Commit Monitored Costs per Annum                          | D0M8DZX | 15.594,96  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Standard Total Commit Monitored Costs Overage                            | D0M8EZX | 17.161,96  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Premium Annual Commit Monitored Costs per Annum                          | D0M84ZX | 24.922,20  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Premium Annual Commit Monitored Costs Overage                            | D0M85ZX | 27.421,82  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Premium Total Commit Monitored Costs per Annum                           | D0M87ZX | 24.922,20  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Premium Total Commit Monitored Costs Overage                             | D0M88ZX | 27.421,82  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudability Managed Service Provider Monitored Costs per Month (1x 1k cloud cost montly)    | D0NF0ZX | 1.305,84   | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Cloudability Managed Service Provider Monitored Costs Overage                                | D0NF1ZX | 1.305,84   | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Financial Planning Annual Commit Monitored Costs per Annum               | D0I6LZX | 9.327,12   | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Financial Planning Annual Commit Monitored Costs Overage                 | D0I6MZX | 10.259,87  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Financial Planning Total Commit Monitored Costs per Annum                | D0I6NZX | 9.327,12   | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability Financial Planning Total Commit Monitored Costs Overage                  | D0I6PZX | 10.259,87  | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Apptio Cloudability TotalCost Annual Cloud Spend Under Management per Annum (min. qty = 250) | D0GWTZX | 1.617,70   | Saas                      |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Labs Build Apptio Cloudability Basic Onboarding Engagement Remotely Del Svc           | D0GW1ZX | 18.654,30  | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Labs Build Apptio Cloudability Standard Onboarding Engagement Remotely Del Svc        | D0GW3ZX | 37.308,60  | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Labs Build Apptio Cloudability Elevated Onboarding Engagement Remotely Del Svc        | D0GW2ZX | 180.324,90 | Permanente com Manutenção |

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|------|----|------------------------------------------------|------|------|---------------------------------------------------------------------------------------------------------------|---------|------------|---------------------------|
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Labs Build Apptio Cloudability Advanced Onboarding Engagement Remotely Del Svc                     | D0GW0ZX | 323.341,20 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Labs Build Apptio Cloudability TotalCost Standard Onboarding Engagement Remotely Del Svc           | D0GW6ZX | 310.905,00 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Labs Build Apptio Cloudability TotalCost Advanced Onboarding Engagement Remotely Del Svc           | D0GW4ZX | 590.719,50 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Labs Perform Apptio Cloudability Guided Services Engagement per Month                              | D0GW7ZX | 180.573,60 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Labs Perform Cloudability TotalCost Turnkey Admin Engagement per Month                             | D0GW8ZX | 149.234,40 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Labs Build Apptio Cloudability Financial Planning Implementation Serv Engagement Remotely Del Svc  | D0I6SZX | 62.181,00  | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Labs Perform Cloudability MSP Premium Guided Services Engagement Remotely Delivered SW Services    | D0NF3ZX | 994.896,00 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Labs Perform Cloudability MSP Enterprise Guided Services Engagement Remotely Delivered SW Services | D0NF2ZX | 279.814,50 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Labs Learning Cloudability All Access Education Pass Individual Engagement per Month               | D0GWQZX | 23.952,12  | Assinatura                |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Labs Perform Apptio Cloudability Momentum Services Engagement per Month                            | D0I6UZX | 217.882,20 | Permanente com Manutenção |
| Real | 12 | Métrica A- 1 - 9 / Contratação mínima 12 meses | Saas | 7831 | IBM Expert Labs Perform Apptio Cloudability FinOps Practice Mgmt Services Engagement per Month                | D0I6TZX | 373.086,00 | Permanente com Manutenção |



|      |    |                                                |      |      |                                                                               |         |     |              |                           |
|------|----|------------------------------------------------|------|------|-------------------------------------------------------------------------------|---------|-----|--------------|---------------------------|
| Real | 1  | Métrica A: 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM Instana Observability Service Level Agreement                             | D04Y4ZX | R\$ | -            | SaaS                      |
| Real | 1  | Métrica A: 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM Instana Observability Add-on Managed Point of Presence 1000 Resource      | E0I5RZX | R\$ | 11,19        | SaaS                      |
| Real | 1  | Métrica A: 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM Instana Observability Essentials Managed Virtual Server per Month         | D0N77ZX | R\$ | 124,36       | SaaS                      |
| Real | 1  | Métrica A: 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM Instana Observability Standard Managed Virtual Server per Month           | D0N79ZX | R\$ | 466,36       | SaaS                      |
| Real | 1  | Métrica A: 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM Instana Observability Add-on Managed Point of Presence 1000 Resource      | D0I5PZX | R\$ | 74,62        | SaaS                      |
| Real | 1  | Métrica A: 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM Instana Observability Add-on Managed Point of Presence 1000 Resource      | D0I5QZX | R\$ | 82,08        | SaaS                      |
| Real | 1  | Métrica A: 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM Instana Observability Add-on Data ingest 100 Gigabytes per Month          | D0N7BZX | R\$ | 124,36       | SaaS                      |
| Real | 1  | Métrica A: 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM Instana Observability Essentials Managed Virtual Server - Hour Pay per U  | D0N78ZX | R\$ | 0,19         | SaaS                      |
| Real | 1  | Métrica A: 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM Instana Observability Standard Managed Virtual Server - Hour Pay per Us   | D0N7AZX | R\$ | 0,75         | SaaS                      |
| Real | 1  | Métrica A: 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM Instana Observability Data ingest On Demand Gigabyte Pay per Use          | D0N7CZX | R\$ | 1,55         | SaaS                      |
| Real | 12 | Métrica A: 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM Expert Labs Plan Instana - SaaS Engagement Remotely Delivered Service     | D06W0ZX | R\$ | 21.141,54    | SaaS Human Services       |
| Real | 12 | Métrica A: 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM Expert Labs Build Instana - SaaS Engagement Remotely Delivered Service    | D06VZZX | R\$ | 106.951,32   | SaaS Human Services       |
| Real | 12 | Métrica A: 1 - 9 / Contratação mínima 12 meses | SaaS | 7831 | IBM Expert Labs Perform Instana - SaaS Engagement per Month                   | D0QDBZX | R\$ | 20.955,00    | SaaS Human Services       |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Non-Production Ir    | D0REVZX | R\$ | 986.051,85   | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge RU 1000 Resource     | D0RGKZX | R\$ | 189.748,36   | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Install Trade-up fr  | D0RELZX | R\$ | 1.972.103,70 | Upgrade com Manutenção    |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge RU 1000 Resource     | D0QLIZX | R\$ | 628.941,18   | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Non-Production Ir    | D0QLDZX | R\$ | 2.052.053,85 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Install LIC + SW S&  | D0QL8ZX | R\$ | 4.104.107,70 | Permanente com Manutenção |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge RU 1000 Resource     | E0QLGZX | R\$ | 125.255,24   | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Non-Production Ir    | E0QLBZX | R\$ | 533.001,00   | Manutenção após Vigência  |
| Real | 12 |                                                | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Install Annual SW    | E0QL6ZX | R\$ | 1.066.002,00 | Manutenção após Vigência  |
| Real | 1  | Contratação mínima 12 meses                    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge RU 1000 Resource     | D0QLHZX | R\$ | 24.580,75    | Assinatura                |
| Real | 1  | Contratação mínima 12 meses                    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Non-Production Ir    | D0QLCZX | R\$ | 89.669,58    | Assinatura                |
| Real | 1  | Contratação mínima 12 meses                    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Install Subscription | D0QL7ZX | R\$ | 178.712,10   | Assinatura                |
| Real | 1  | Contratação mínima 12 meses                    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Install Subscription | D0REMZX | R\$ | 133.563,78   | Upgrade                   |
| Real | 1  | Contratação mínima 12 meses                    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge RU 1000 Resource     | D0RGLZX | R\$ | 12.854,73    | Upgrade                   |
| Real | 1  | Contratação mínima 12 meses                    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Non-Production Ir    | D0REWZX | R\$ | 67.095,42    | Upgrade                   |
| Real | 12 | Contratação mínima 12 meses                    | PPA  | 7831 | IBM Enterprise Application Runtimes Virtual Processor Core License + Softwar  | D0ZP1ZX | R\$ | 140.882,15   | Permanente com Manutenção |
| Real | 12 | Contratação mínima 12 meses                    | PPA  | 7831 | BM Enterprise Application Runtimes Virtual Processor Core Trade Up from eli   | D0ZPBZX | R\$ | 46.866,79    | Upgrade com Manutenção    |
| Real | 12 | Contratação mínima 12 meses                    | PPA  | 7831 | IBM Enterprise Application Runtimes Virtual Processor Core Annual Software    | E0ZNZZX | R\$ | 28.176,43    | Manutenção após Vigência  |
| Real | 1  | Contratação mínima 12 meses                    | PPA  | 7831 | IBM Enterprise Application Runtimes Virtual Processor Core Subscription Lice  | D0ZP0ZX | R\$ | 5.524,79     | Assinatura                |
| Real | 1  | Contratação mínima 12 meses                    | PPA  | 7831 | IBM Enterprise Application Runtimes Virtual Processor Core Subscription Lice  | D0ZP3ZX | R\$ | 3.182,28     | Upgrade                   |
| Real | 12 | Contratação mínima 12 meses                    | PPA  | 7831 | IBM EntireX Virtual Processor Core Subscription License                       | D0QLMZX | -   |              | Assinatura                |
| Real | 13 | Contratação mínima 12 meses                    | PPA  | 7831 | IBM EntireX Virtual Processor Core LIC + SW S&S 12 MO                         | D0QLNZX | -   |              | Assinatura                |
| Real | 14 | Contratação mínima 12 meses                    | PPA  | 7831 | IBM EntireX Virtual Processor Core Monthly License                            | D0QLPZX | -   |              | Assinatura                |
| Real | 15 | Contratação mínima 12 meses                    | PPA  | 7831 | IBM EntireX Virtual Processor Core SW S&S Reinstate 12 Mo                     | D0QLQZX | -   |              | Assinatura                |
| Real | 16 | Contratação mínima 12 meses                    | PPA  | 7831 | IBM EntireX for Linux on IBM Z Virtual Processor Core Subscription License    | D0QLSZX | -   |              | Assinatura                |
| Real | 17 | Contratação mínima 12 meses                    | PPA  | 7831 | IBM EntireX for Linux on IBM Z Virtual Processor Core LIC + SW S&S 12 MO      | D0QLTZX | -   |              | Assinatura                |
| Real | 18 | Contratação mínima 12 meses                    | PPA  | 7831 | IBM EntireX for Linux on IBM Z Virtual Processor Core Monthly License         | D0QLUZX | -   |              | Assinatura                |
| Real | 19 | Contratação mínima 12 meses                    | PPA  | 7831 | IBM EntireX Linux IBM Z Virtual Processor Core SW S&S Reinstate 12 Mo         | D0QLVZX | -   |              | Assinatura                |
| Real | 20 | Contratação mínima 12 meses                    | PPA  | 7831 | IBM EntireX Link Virtual Processor Core Subscription License                  | D0QLXZX | -   |              | Assinatura                |
| Real | 21 | Contratação mínima 12 meses                    | PPA  | 7831 | IBM EntireX Link Virtual Processor Core LIC + SW S&S 12 MO                    | D0QLYZX | -   |              | Assinatura                |
| Real | 22 | Contratação mínima 12 meses                    | PPA  | 7831 | IBM EntireX Link Virtual Processor Core Monthly License                       | D0QLZZX | -   |              | Assinatura                |

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|------|----|--------------------------------|------|------|-----------------------------------------------------------------------------|---------|----------------|---------------------------------|
| Real | 23 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link Virtual Processor Core SW S&S Reinstate 12 Mo              | D0QM0ZX | -              | Assinatura                      |
| Real | 24 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link Linux IBM Z Virtual Processor Core Subscription License    | D0QM2ZX | -              | Assinatura                      |
| Real | 25 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link Linux IBM Z Virtual Processor Core LIC + SW S&S 12 MO      | D0QM3ZX | -              | Assinatura                      |
| Real | 26 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link for Linux on IBM Z Virtual Processor Core Monthly License  | D0QM4ZX | -              | Assinatura                      |
| Real | 27 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link Linux IBM Z Virtual Processor Core SW S&S Reinstate 12 Mo  | D0QM5ZX | -              | Assinatura                      |
| Real | 28 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link - Non-Production Virtual Processor Core LIC + SW S&S 12 MO | D0QM7ZX | -              | Assinatura                      |
| Real | 29 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link - Non-Production Virtual Processor Core Monthly License    | D0QM8ZX | -              | Assinatura                      |
| Real | 30 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link Non-Production VPC SW S&S Reinstate 12 Mo                  | D0QMAZX | -              | Assinatura                      |
| Real | 31 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link z/OS Resource Value Unit Subscription License              | D0QMCZX | -              | Assinatura                      |
| Real | 32 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link z/OS Resource Value Unit LIC + SW S&S 12 MO                | D0QMDZX | -              | Assinatura                      |
| Real | 33 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link z/OS Resource Value Unit Monthly License                   | D0QMEZX | -              | Assinatura                      |
| Real | 34 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link z/OS RVU SW S&S Reinstate 12 Mo                            | D0QMFZX | -              | Assinatura                      |
| Real | 35 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX for Non-Production Virtual Processor Core Subscription License  | D0QMHZX | -              | Assinatura                      |
| Real | 36 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX for Non-Production Virtual Processor Core LIC + SW S&S 12 MO    | D0QMIZX | -              | Assinatura                      |
| Real | 37 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX for Non-Production Virtual Processor Core Monthly License       | D0QMJZX | -              | Assinatura                      |
| Real | 38 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Non-Production Virtual Processor Core SW S&S Reinstate 12 Mo    | D0QMKZX | -              | Assinatura                      |
| Real | 39 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX z/OS Resource Value Unit Subscription License                   | D0QMMZX | -              | Assinatura                      |
| Real | 40 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX z/OS Resource Value Unit LIC + SW S&S 12 MO                     | D0QMNZX | -              | Assinatura                      |
| Real | 41 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX for z/OS for Resource Value Unit Monthly License                | D0QMPZX | -              | Assinatura                      |
| Real | 42 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX z/OS Resource Value Unit SW S&S Reinstate 12 Mo                 | D0QMQZX | -              | Assinatura                      |
| Real | 43 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link Non-Production Virtual Processor Core Subscription License | D0QNCZX | -              | Assinatura                      |
| Real | 44 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Virtual Processor Core Annual SW S&S Rnwl                       | EQQLLZX | -              | Assinatura                      |
| Real | 45 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX for Linux on IBM Z Virtual Processor Core Annual SW S&S Rnwl    | EQQLRZX | -              | Assinatura                      |
| Real | 46 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link Virtual Processor Core Annual SW S&S Rnwl                  | EQQLWZX | -              | Assinatura                      |
| Real | 47 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link Linux IBM Z Virtual Processor Core Annual SW S&S Rnwl      | EQQM1ZX | -              | Assinatura                      |
| Real | 48 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link - Non-Production Virtual Processor Core Annual SW S&S Rnwl | EQQM6ZX | -              | Assinatura                      |
| Real | 49 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX Link z/OS Resource Value Unit Annual SW S&S Rnwl                | EQQMBZX | -              | Assinatura                      |
| Real | 50 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX for Non-Production Virtual Processor Core Annual SW S&S Rnwl    | EQQMGZX | -              | Assinatura                      |
| Real | 51 | Contratação mínima 12 meses    | PPA  | 7831 | IBM EntireX z/OS Resource Value Unit Annual SW S&S Rnwl                     | EQQMLZX | -              | Assinatura                      |
| Real | 52 | Contratação mínima 12 meses    | PPA  | 7831 | IBM ApplinX SOA                                                             | APXSO   | -              | Assinatura                      |
| Real | 53 | Contratação mínima 12 meses    | PPA  | 7831 | IBM ApplinX webEnablement                                                   | APXWB   | -              | Assinatura                      |
| Real | 12 | Contratação mínima 12 meses    | SaaS | 7831 | IBM webMethods Hybrid Control Plane Advanced Support Subscription Trans     | E11BUZX | R\$ -          | Assinatura                      |
| Real | 12 | Contratação mínima 12 meses    | SaaS | 7831 | IBM webMethods Hybrid Control Plane SaaS Subscription Transaction Licens    | D11BTZX | R\$ -          | Assinatura                      |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM webMethods Hybrid Integration Software Subscription Transaction Licer   | D11F7ZX | R\$ -          | Assinatura                      |
| Real | 12 | Contratação mínima 12 meses    | SaaS | 7831 | IBM webMethods Hybrid Integration SaaS Subscription Transaction License     | D0YG9ZX | R\$ -          | Assinatura                      |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM StreamSets Cartridge Non-Production Virtual Processor Core Subscription | D0XQ8ZX | R\$ 6.058,27   | Assinatura                      |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM StreamSets Cartridge Non-Production Virtual Processor Core Extended Su  | X0XQ8ZX | R\$ 1.211,65   | Assinatura de suporte estendido |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM StreamSets Cartridge Non-Production Virtual Processor Core Advanced Su  | Z0XQ8ZX | R\$ 911,47     | Assinatura de suporte avançado  |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM StreamSets Cartridge Virtual Processor Core Subscription License        | D0XPYZX | R\$ 12.116,54  | Assinatura                      |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM StreamSets Cartridge Virtual Processor Core Extended Support Subscrip   | X0XPYZX | R\$ 2.423,31   | Assinatura de suporte estendido |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM StreamSets Cartridge Virtual Processor Core Advanced Support Subscrip   | Z0XPYZX | R\$ 1.817,48   | Assinatura de suporte avançado  |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM StreamSets Cartridge Non-Production Virtual Processor Core Advanced S   | Z0XQ7ZX | R\$ 12.771,49  | Suporte avançado                |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM StreamSets Cartridge Non-Production Virtual Processor Core Extended Su  | X0XQ7ZX | R\$ 8.514,32   | Suporte estendido               |
| Real | 12 | Contratação minima de 12 meses | PPA  | 7831 | IBM StreamSets Cartridge Non-Production Virtual Processor Core License + SV | D0XQ9ZX | R\$ 163.737,00 | Permanente com Manutenção       |

|      |    |                                |      |      |                                                                              |         |                  |                           |
|------|----|--------------------------------|------|------|------------------------------------------------------------------------------|---------|------------------|---------------------------|
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM StreamSets Cartridge Virtual Processor Core Advanced Support 12 Month    | Z0XPXZX | R\$ 25.542,97    | Permanente com Manutenção |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM StreamSets Cartridge Virtual Processor Core Extended Support 12 Month    | X0XPXZX | R\$ 17.028,65    | Suporte estendido         |
| Real | 12 | Contratação mínima de 12 meses | SaaS | 7831 | IBM StreamSets Virtual Processor Core per Month                              | D0N70ZX | R\$ 68.996,34    | Assinatura                |
| Real | 1  |                                | SaaS | 7831 | IBM StreamSets Virtual Processor Core Overage                                | D0N71ZX | R\$ 6.675,68     | Assinatura                |
| Real | 12 | Contratação mínima de 12 meses | PPA  | 7831 | IBM StreamSets Cartridge Virtual Processor Core License + SW Subscription &  | D0XPZZX | R\$ 327.474,00   | Permanente com Manutenção |
| Real | 1  | Permanente                     | PPA  | 7831 | IBM watsonx.data integration Resource Unit LIC + SW S&S 12 MO                | D10DYZX |                  | Assinatura                |
| Real | 1  | Permanente                     | PPA  | 7831 | IBM watsonx.data integration Resource Unit LIC + SW S&S 12 MO - N Prod       | D10E8ZX |                  | Assinatura                |
| Real | 1  | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.data integration Resource Unit Subscription License              | D10DXZX |                  | Assinatura                |
| Real | 1  | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.data integration Resource Unit Subscription License - N Prod     | D10E7ZX |                  | Assinatura                |
| Real | 1  | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.Dt Intgn as a Svc Multicloud RU per Month                        | D100AZX |                  | SaaS                      |
| Real | 1  | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.data integration as a Service Multicloud Resource Unit Overage   | D100BZX |                  | SaaS                      |
| Real | 1  | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.data integration as a Service Multicloud - SLA                   | D1009ZX |                  | SaaS                      |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Non-Production Ir   | D0REVZX | R\$ 986.051,85   | Upgrade com Manutenção    |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge RU 1000 Resource    | D0RGKZX | R\$ 189.748,36   | Upgrade com Manutenção    |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Install Trade-up fr | D0RELZX | R\$ 1.972.103,70 | Upgrade com Manutenção    |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge RU 1000 Resource    | D0QLIZX | R\$ 628.941,18   | Permanente com Manutenção |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Non-Production Ir   | D0QLDZX | R\$ 2.052.053,85 | Permanente com Manutenção |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Install LIC + SW S& | D0QL8ZX | R\$ 4.104.107,70 | Permanente com Manutenção |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge RU 1000 Resource    | E0QLGZX | R\$ 125.255,24   | Manutenção após Vigência  |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Non-Production Ir   | E0QLBZX | R\$ 533.001,00   | Manutenção após Vigência  |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Install Annual SW   | E0QL6ZX | R\$ 1.066.002,00 | Manutenção após Vigência  |
| Real | 1  | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge RU 1000 Resource    | D0QLHZX | R\$ 24.580,75    | Assinatura                |
| Real | 1  | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Non-Production Ir   | D0QLCZX | R\$ 89.669,58    | Assinatura                |
| Real | 1  | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Install Subscriptio | D0QL7ZX | R\$ 178.712,10   | Assinatura                |
| Real | 1  | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Install Subscriptio | D0REMZX | R\$ 133.563,78   | Upgrade                   |
| Real | 1  | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge RU 1000 Resource    | D0RGLZX | R\$ 12.854,73    | Upgrade                   |
| Real | 1  | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate with watsonx Assistant Cartridge Non-Production Ir   | D0REWZX | R\$ 67.095,42    | Upgrade                   |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx Orchestrate Subscription 1 Brazilian Real per Month              | D11ASZX | R\$ 399.600,00   | SaaS                      |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.data integration Resource Unit Annual SW S&S Rnwl                | E10DWZX |                  | Assinatura                |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.Dt Intgn Non Production RU Annual SW S&S Rnwl                    | E10E6ZX |                  | Assinatura                |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.data integration Reserved Resource Unit Annual SW S&S Rnwl       | E10EGZX |                  | Assinatura                |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.Dt Intgn Non Production Reserved RU Annual SW S&S Rnwl           | E10ERZX |                  | Assinatura                |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.Dt Intgn Transitt Ed RU Annual SW S&S Rnwl                       | E10W5ZX |                  | Assinatura                |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.Dt Intgn Transitt Ed Non-Production Reserved Annual SW S&S R     | E10WNZX |                  | Assinatura                |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.Dt Intgn Transitt Ed Reserved RU Annual SW S&S Rnwl              | E10X6ZX |                  | Assinatura                |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.Dt Intgn Transitt Ed Non-Production RU Annual SW S&S Rnwl        | E10XIZX |                  | Assinatura                |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.Dt intgn as a Svc RU MC Advanced Support per Month               | E100CZX |                  | Assinatura                |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.data integration as a Service - SLA                              | D10M5ZX |                  | SaaS                      |
| Real | 12 | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.data integration as a Service Resource Unit Pay per Use          | D10M6ZX |                  | SaaS                      |
| Real | 1  | Permanente                     | PPA  | 7831 | IBM watsonx.data integration Resource Unit LIC + SW S&S 12 MO - Perpetual    | D112IZX |                  | Assinatura                |
| Real | 1  | Permanente                     | PPA  | 7831 | IBM watsonx.data integration Resource Unit LIC + SW S&S 12 MO - Perpetual    | D10Z8ZX |                  | Assinatura                |
| Real | 1  | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.data integration Resource Unit Subscription License - Transition | D10W9ZW |                  | Assinatura                |
| Real | 1  | Contratação mínima 12 meses    | PPA  | 7831 | IBM watsonx.data integration Resource Unit Subscription License - Transition | D10XMZX |                  | Assinatura                |
| Real | 1  | Permanente                     | PPA  | 7831 | IBM watsonx.data integration Resource Unit LIC + SW S&S 12 MO - Perpetual    | D112EZX |                  | Assinatura                |

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| Real | 1 | Permanente                  | PPA  | 7831 | IBM watsonx.data integration Resource Unit LIC + SW S&S 12 MO - Perpetual         | D112AZX |  | Assinatura                |
| Real | 1 | Contratação mínima 12 meses | PPA  | 7831 | IBM watsonx.data integration Resource Unit Subscription License - Perpetual       | D10Y9ZX |  | Assinatura                |
| Real | 1 | Contratação mínima 12 meses | PPA  | 7831 | IBM watsonx.data integration Resource Unit Subscription License - Tradeup -       | D10YNZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Guardium Data Security Center Software - GDP                                  | D0R84ZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Guardium Data Security Center Software for IBM Z - GDP                        | D0R8BZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Guardium Data Security Center Software from Guardium Package SW- GDP          | D0ZR7ZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Guardium Data Security Center Software for IBM Z from Guardium Package S      | D0ZRBZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Guardium Data Security Center Software from Cloud Pak for Security (Gen 3)-   | D0ZR8ZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Guardium Data Security Center Software for IBM Z from Cloud Pak for Securi    | D0ZRCZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Guardium Data Security Center Software - VA                                   | D0R84ZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Guardium Data Security Center Software for IBM Z - VA                         | D0R8BZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Guardium Data Security Center Software from Guardium Package SW - VA          | D0ZR7ZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Guardium Data Security Center Software for IBM Z from Guardium Package S      | D0ZRBZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Guardium Data Security Center Software from Cloud Pak for Security (Gen 3) -  | D0ZR8ZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Guardium Data Security Center Software for IBM Z from Cloud Pak for Securi    | D0ZRCZX |  | Assinatura                |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software - GDP                                  | D0R82ZX |  | Permanente - Trade Up     |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software for IBM Z- GDP                         | D0R89ZX |  | Permanente - Trade Up     |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software from Guardium Package SW- GDP          | D0ZR5ZX |  | Permanente - Trade Up     |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software for IBM Z from Guardium Package S      | D0ZR9ZX |  | Permanente - Trade Up     |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software from Cloud Pak for Security (Gen 3)- C | D0ZR6ZX |  | Permanente - Trade Up     |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software for IBM Z from Cloud Pak for Securi    | D0ZRAZX |  | Permanente - Trade Up     |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software - VA                                   | D0R82ZX |  | Permanente - Trade Up     |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software for IBM Z - VA                         | D0R89ZX |  | Permanente - Trade Up     |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software from Guardium Package SW - VA          | D0ZR5ZX |  | Permanente - Trade Up     |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software for IBM Z from Guardium Package S      | D0ZR9ZX |  | Permanente - Trade Up     |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software from Cloud Pak for Security (Gen 3) -  | D0ZR6ZX |  | Permanente - Trade Up     |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software for IBM Z from Cloud Pak for Securi    | D0ZRAZX |  | Permanente - Trade Up     |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software - GDP                                  | D0R85ZX |  | Permanente com Manutenção |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software for IBM Z - GDP                        | D0R8EZX |  | Permanente com Manutenção |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software - VA                                   | D0R85ZX |  | Permanente com Manutenção |
| Real |   | Permanente                  | PPA  | 7831 | IBM Guardium Data Security Center Software for IBM Z - VA                         | D0R8EZX |  | Permanente com Manutenção |
| Real |   |                             | SAAS | 7831 | IBM Guardium Data Security Center (SaaS) - DSPM                                   | D0R6LZX |  | saas - excedente          |
| Real |   |                             | SAAS | 7831 | IBM Guardium Data Security Center (SaaS) - DDR                                    | D0R6LZX |  | saas - excedente          |
| Real |   |                             | SAAS | 7831 | IBM Guardium Data Security Center Add-on Storage Subscription (SaaS) - DDR        | D0R6QZX |  | saas - excedente          |
| Real |   |                             | SAAS | 7831 | IBM Guardium Data Security Center Service Level Agreement (SaaS)                  | D0R6SZX |  | Assinatura                |
| Real |   |                             | SAAS | 7831 | IBM Guardium Data Security Center Service Level Agreement (SaaS)                  | D0R6SZX |  | Assinatura                |
| Real |   |                             | SAAS | 7831 | IBM Expert Labs Configure and Assist Guardium Remotely Delivered Service (\$      | D0R6TZX |  | Assinatura                |
| Real |   |                             | SAAS | 7831 | IBM Expert Labs Configure and Assist Guardium Remotely Delivered Service (\$      | D0R6TZX |  | Assinatura                |
| Real |   |                             | SAAS | 7831 | IBM Expert Labs Configure and Assist Guardium Remotely Delivered Service (\$      | D0R6TZX |  | Assinatura                |
| Real |   |                             | SAAS | 7831 | IBM Guardium Data Security Center Add-on Storage Subscription (SaaS)              | D0R6NZX |  | Assinatura                |
| Real |   |                             | SAAS | 7831 | IBM Guardium Data Security Center Add-on Storage Pay Per Use (SaaS)               | D0R6PZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Quantum Safe Explorer                                                         | D0GYMZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Quantum Safe Explorer for IBM Z                                               | D11GRZX |  | Assinatura                |
| Real |   |                             | PPA  | 7831 | IBM Quantum Safe Remediator Adaptive Proxy                                        | D0M6TZX |  | Assinatura                |

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|------|--|--|------|------|-----------------------------------------------------------------------------|---------|------------------|---------------------------|
| Real |  |  | PPA  | 7831 | IBM Quantum Safe Remediator Adaptive Proxy for IBM Z                        | D11GIZX |                  | Assinatura                |
| Real |  |  | SAAS | 7831 | IBM Guardium AI Security Audit Assistant Add-on                             | D111EZX |                  | Saas                      |
| Real |  |  | SAAS | 7831 | IBM Guardium AI Security Enterprise Edition                                 | D111GZX |                  | Saas                      |
| Real |  |  | SAAS | 7831 | IBM Guardium AI Security Service Level Agreement (SLA)                      | D111IZX |                  | Saas                      |
| Real |  |  | SAAS | 7831 | IBM Guardium AI Security (base)                                             | D111DZX |                  | saas - excedente          |
| Real |  |  | SAAS | 7831 | IBM Guardium AI Security Audit Assistant Add-on                             | D111FZX |                  | saas - excedente          |
| Real |  |  | SAAS | 7831 | IBM Guardium AI Security Enterprise Edition                                 | D111HZX |                  | saas - excedente          |
| Real |  |  | PPA  | 7831 | IBM Security Discover and Classify for Structured Data                      | D0CEVZX |                  | Permanente com Manutenção |
| Real |  |  | PPA  | 7831 | IBM Security Discover and Classify for Structured Data for IBM Z            | D0R1XZX |                  | Permanente com Manutenção |
| Real |  |  | PPA  | 7831 | IBM Security Discover and Classify for Unstructured Data                    | D0CF5ZX |                  | Permanente com Manutenção |
| Real |  |  | PPA  | 7831 | IBM Security Discover and Classify for Unstructured Data for IBM Z          | D0R22ZX |                  | Permanente com Manutenção |
| Real |  |  | PPA  | 7831 | IBM Security Discover and Classify for Structured Data                      | E0CEUZX |                  | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Security Discover and Classify for Structured Data for IBM Z            | E0R1VZX |                  | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Security Discover and Classify for Unstructured Data                    | E0CF4ZX |                  | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Security Discover and Classify for Unstructured Data for IBM Z          | E0R20ZX |                  | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Terraform Self-Managed Premium                                          | D1006ZX | R\$ 6,268.20     | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Boundary Self-Managed Standard                                          | D1012ZX | R\$ 6,268.20     | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Nomad Self-Managed Premium                                              | D1008ZX | R\$ 11,287.08    | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Nomad Self-Managed Non-Production                                       | D1007ZX | R\$ 5,643.6      | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Essentials Single Data Center                        | D1015ZX | R\$ 156,514.20   | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Standard Single Data Center                          | D101FZX | R\$ 564,354.00   | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Single Data Center Client                            | D101EZX |                  | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Premium Multi Data Center                            | D101AZX | R\$ 626,809.20   | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Premium Multi Data Center Advanced Support           | Z101BZX |                  | Permanente com Manutenção |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Multi Data Center Client                             | D1017ZX | R\$ 8,126.64     | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Multi Data Center Client Advanced Support            | Z1017ZX |                  | Permanente com Manutenção |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Advanced Data Protection - Key Management            | D1013ZX | R\$ 1,565,141.76 | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Advanced Data Protection - Transform                 | D1014ZX | R\$ 18,811.80    | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Non-Production                                       | D1018ZX | R\$ 78,257.04    | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Essentials for Red Hat OpenShift Single Data Center  | D1016ZX | R\$ 133,187.52   | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Standard for Red Hat OpenShift Single Data Center    | D101GZX | R\$ 480,077.16   | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed for Red Hat OpenShift Single Data Center Client      | D101KZX | R\$ 6,396.00     | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Premium for Red Hat OpenShift Multi Data Center      | D101DZX | R\$ 532,750.2    | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Premium for Red Hat OpenShift Multi DC Advcd Support | Z101CZX |                  | Permanente com Manutenção |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed for Red Hat OpenShift Multi Data Center Client       | D101JZX | R\$ 6,930.36     | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed for Red Hat OpenShift Multi Client Advanced Support  | Z101CZX |                  | Permanente com Manutenção |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed for Red Hat OpenShift Advncd Data Protec - Key Mgmt  | D101IZX | R\$ 1,331,875.44 | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed for Red Hat OpenShift Advncd Data Protection - Trans | D101HZX | R\$ 16,027.68    | Assinatura                |
| Real |  |  | PPA  | 7831 | IBM Vault Self-Managed Non-Production for Red Hat OpenShift                 | D1019ZX | R\$ 66,593.76    | Assinatura                |

|      |  |  |     |      |                                        |         |                  |            |
|------|--|--|-----|------|----------------------------------------|---------|------------------|------------|
| Real |  |  | PPA | 7831 | IBM Consul Self-Managed Premium        | D101WZX | R\$ 1,565,141.76 | Assinatura |
| Real |  |  | PPA | 7831 | IBM Consul Self-Managed Non-Production | D101VZX | R\$ 782,570.88   | Assinatura |
| Real |  |  | PPA | 7831 | IBM Consul Self-Managed Prem Svc Ins   | D101XZX | R\$ 2,197.20     | Assinatura |
| Real |  |  | PPA | 7831 | IBM Terraform Standard                 | D100DZX | R\$ 52.22        | Saas       |
| Real |  |  | PPA | 7831 | IBM Terraform Premium                  | D11GDZX | R\$ 82.10        | Saas       |
| Real |  |  | PPA | 7831 | IBM Packer Standard                    | D100FZX | R\$ 570,075.36   | Saas       |
| Real |  |  | PPA | 7831 | IBM Vault Dedicated Essentials Small   | D100PZX | R\$ 85,809.84    | Saas       |
| Real |  |  | PPA | 7831 | IBM Vault Dedicated Essentials Medium  | D100QZX | R\$ 172,365.72   | Saas       |
| Real |  |  | PPA | 7831 | IBM Vault Dedicated Essentials Large   | D100RZX | R\$ 408,156.12   | Saas       |
| Real |  |  | PPA | 7831 | IBM Vault Dedicated Standard Small     | D100JZX | R\$ 100,733.28   | Saas       |
| Real |  |  | PPA | 7831 | IBM Vault Dedicated Standard Medium    | D100KZX | R\$ 200,720.28   | Saas       |
| Real |  |  | PPA | 7831 | IBM Vault Dedicated Standard Large     | D100IZX | R\$ 512,620.20   | Saas       |
| Real |  |  | PPA | 7831 | IBM Vault Dedicated Client             | D100LZX | R\$ 22,444.88    | Saas       |

### Opções de Suporte IBM para Software On-premises

O portfólio de [Software On-premises](#) da IBM é abrangente e projetado para resolver suas necessidades de negócios mais desafiadoras, sejam elas grandes ou pequenas, em todos os setores e em qualquer lugar do mundo. Nossas ofertas de suporte de software se alinham a essas necessidades para ajudar você a passar menos tempo conversando conosco e mais tempo se concentrando em seus negócios.

### **SUPORTE e SUBSCRIÇÃO (S&S) DE SOFTWARE IBM**

O Suporte e Subscrição (S&S) a serem prestados por força deste Acordo, compreendem minimamente a:

1. Análise e assistência remotas para o problema durante o horário comercial normal do país no seu fuso horário.

1.1. Assistência para identificar o produto ou componente que apresenta falha. (Realizada para produtos abrangidos por um contrato de suporte);

1.2. Assistência para a determinação e resolução remotas de problemas, fornecida em idioma local para a maioria dos países.

2. Suporte de acesso por voz e por meio eletrônico para problemas relacionados ao código.

3. Suporte para perguntas de rotina, instalações de curta duração e perguntas quanto ao uso.

4. Suporte 7 dias por semana e 24 horas por dia em caso de emergências essenciais (Severidade 1) fora do horário comercial.

4.1. Fornecido por voz na maioria dos países:

4.2. Fornecido em inglês, com adaptação para o idioma local sempre que possível.

5. Acesso por telefone (voz) ou eletrônico por meio da web, nos países em que estiver disponível.

6. Objetivo do tempo de resposta de duas horas durante o horário comercial para envio de problemas por meio eletrônico ou por voz.

7. O objetivo de respostas para problemas críticos ou emergenciais durante os períodos fora do horário comercial é de duas horas.

8. Atualizações de programas, correções de erros, patches, agentes. bugs. update de versões de softwares. alertas de segurança e outras atualizações críticas de correção. assim que divulgadas pelo fabricante

9. Número ilimitado de incidentes de suporte técnico.

Para aberturas de chamados de problemas e incidentes relacionados aos programas contratados. deverá observar as regras:

## Base Support

| Opções do Base Support | Necessidade do cliente                                                                                           | Recursos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Objetivo Inicial de Resposta à Severidade do Caso †                                                                                                                                                                                                                    | Conectado a AMERICA (macOS). | Taxa                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------|
| Subscrição e Suporte   | <ul style="list-style-type: none"><li>Forte proteção dos negócios, para cargas de trabalho de produção</li></ul> | <ul style="list-style-type: none"><li>Resolução de problemas por meio de acesso aos nossos profissionais de suporte técnico altamente qualificados, líderes no setor</li><li>Cuidado preventivo por meio de correções de produto, patches de segurança e atualizações</li><li>Acesso a resposta 24x7 para Severidade 1</li><li>Comunidade de autoatendimento digital, robô de bate-papo, pesquisa e bate-papo cognitivos, fóruns de comunidades especialistas</li><li>Acesso on-line a documentações e práticas recomendadas</li></ul> | <ul style="list-style-type: none"><li>Severidade 1: em 2 horas (24x7)</li><li>Severidade 2: em 2 horas dentro do horário comercial</li><li>Severidade 3: em 2 horas dentro do horário comercial</li><li>Severidade 4: em 2 horas dentro do horário comercial</li></ul> |                              | <ul style="list-style-type: none"><li>1º ano incluído com a licença de software</li></ul> |

## Advanced Support

O Advanced Support proporciona um nível mais elevado de suporte, com atendimento prioritário e resolução de casos mais rápida para as solicitações críticas de suporte. O Advanced Support permite que os clientes IBM customizem suas necessidades de suporte de acordo com seus negócios e ambiente.

| Opções do Advanced Support | Necessidade do cliente                                                                                                                                                                                                                                                                     | Recursos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Objetivo Inicial de Resposta à Severidade do Caso †                                                                                                                                                                                                                                                                                                                | Taxa                                                                     |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| IBM Advanced Support       | <ul style="list-style-type: none"><li>Oferece responsividade aumentada e priorização mais elevada dos casos de suporte</li><li>Acesso prioritário a profissionais seniores do suporte técnico</li><li>Oferece aconselhamento abrangente aos clientes com base em padrões de caso</li></ul> | <ul style="list-style-type: none"><li>Priorização mais alta dos casos de suporte</li><li>Acesso prioritário a profissionais seniores do suporte técnico</li><li>Casos de suporte críticos com Severidade 2 mutuamente acordados serão atendidos 24x7 se o Cliente também concordar em trabalhar 24x7</li><li>Relatórios e tendências de casos de suporte, clareza do status dos casos prioritários acordados mutuamente para garantir a adequada priorização dos casos alinhada aos negócios</li><li>Advanced Support Focal (ASF)</li></ul> | <ul style="list-style-type: none"><li>Severidade 1: Resposta inicial em 30 minutos (24x7)</li><li>Severidades 2 a 4: Resposta inicial em 1 hora dentro do horário comercial<ul style="list-style-type: none"><li>Problemas críticos com Severidade 2 mutuamente acordados serão atendidos 24x7 se o Cliente também concordar em trabalhar 24x7</li></ul></li></ul> | <ul style="list-style-type: none"><li>Precificação customizada</li></ul> |

Consulte as diretrizes nas Descrições de Severidade para conhecer o impacto nos negócios associado a cada nível de severidade. Os Objetivos de Resposta destinam-se apenas a descrever as metas da IBM e não representam uma garantia de desempenho.



## **Criação de Sites**

Qualquer movimentação de licenças entre Sites só poderá ser feita uma vez por ano pela PRODEMGE com 60 dias de antecedência da data de renovação anual mediante processo de transferência autorizado pelos Contatos Primários do Site Cedente e Receptor com anuência da IBM Brasil.

Para fins de Auditoria, a PRODEMGE e/ou órgão aderente, deverá fornecer o relatório ILMT (IBM License Metric Tool information) e uma comunicação oficial justificando a não renovação do S&S e, consequentemente, a regularidade na eventual transferência de licenças de um Site para outro Site.

A criação de sites está diretamente relacionada a um número distinto de CNPJ válido da PRODEMGE, limitando-se a criação de no máximo 25 sites distintos. Para criação acima de 25 sites, deverão, em caráter de exceção, ser submetidos para a anuência da IBM.

A PRODEMGE deverá comunicar a IBM com no máximo 60 dias de antecedência a necessidade de criação de um novo Site, informando o CNPJ ativo e demais informações para cadastro.

Todos os faturamentos deverão ocorrer no Código de Cliente da Sede da PRODEMGE em Belo Horizonte/MG ou por um outro que esta indicar,

É de responsabilidade da PRODEMGE manter os Sites atualizados com suas respectivas bases de licenciamento.

### Parte 1 — Termos Gerais

**AO DESCARREGAR, INSTALAR, COPIAR, ACEDER, CLICAR NO BOTÃO "ACEITAR" OU DE OUTRA FORMA UTILIZAR O PROGRAMA, O LICENCIADO CONCORDA COM OS TERMOS DESTE ACORDO. SE O CLIENTE ACEITAR ESTES TERMOS EM NOME DE OUTRO LICENCIADO, DECLARA QUE TEM TOTAL AUTORIDADE PARA VINCULAR O LICENCIADO A ESTES TERMOS.**

**SE NÃO CONCORDA COM ESTES TERMOS OU NÃO TEM AUTORIDADE: i) NÃO DESCARREGUE, INSTALE, COPIE, ACEDA, CLIQUE NO BOTÃO "ACEITAR" NEM UTILIZE O PROGRAMA; E ii) DEVOLVA IMEDIATAMENTE O SUPORTE, DOCUMENTAÇÃO E PROVA DE TITULARIDADE NÃO UTILIZADO À PARTE DE QUEM FOI OBTIDA PARA OBTER UM REEMBOLSO DO VALOR PAGO. SE O PROGRAMA FOI DESCARREGADO, DESTRUA TODAS AS CÓPIAS DO PROGRAMA.**

Este Acordo de Licença Internacional para Avaliação de Programas (ILAE, em inglês) e os Documentos de Transação aplicáveis (em conjunto, o "Acordo") consuem o acordo integral entre o Licenciado e a IBM relativo à utilização de um Programa. Os termos exigidos pelo país incluídos na Parte 2 deste ILAE substituem ou modificam os termos da Parte 1.

Os Documentos de Transação (DT) fornecem uma descrição, informações e termos relativos ao Programa e à respectiva utilização autorizada. Exemplos de DT para Programas incluem informações sobre a licença (LI), especificações de programa licenciado (LPS, em inglês), cotação, prova de direito (POE, em inglês) ou fatura. Em caso de conflito o DT prevalece sobre o ILAE. **1. Licença do Programa**

- a. Um Programa é um programa de computador executável da marca IBM e o material relacionado, incluindo cópias totais e parciais. Os detalhes do programa estão descritos num DT disponível em <http://www.ibm.com/software/sla> (para Programas Passport Advantage) ou em <http://www.ibm.com/support/knowledgecenter> (para outros Programas IBM), no diretório de comandos do sistema do Programa, ou conforme especificado de outra forma pela IBM. As Políticas de Software da IBM (tais como cópia de segurança, utilização temporária e ambiente de nuvem aprovado pela IBM), disponíveis em <http://www.ibm.com/software/policies>, aplicam-se à utilização de Programas pelo Cliente.
- b. As cópias dos Programas são protegidas por direitos de autor e estão licenciadas.
- c. O Licenciado recebe uma licença limitada não exclusiva para:
  - (1) utilizar cada cópia de um Programa exclusivamente para fins de avaliação interna, teste ou demonstração numa base experimental durante o Período de Avaliação (conforme definido no DT aplicável do Programa) ("Utilização Autorizada");
  - (2) fazer e instalar cópias para suportar a referida Utilização Autorizada; e
  - (3) efetuar uma cópia de segurança.
- d. Os programas podem ser utilizados pelo Licenciado, e pelos respectivos colaboradores e subcontratados. O Licenciado não pode utilizar o Programa para fins produtivos, alugar ou arrendar um Programa ou fornecer serviços comerciais de TI, alojamento ou serviços de partilha a qualquer terceira entidade. Poderão ser disponibilizados direitos adicionais mediante o pagamento de taxas adicionais, ou ao abrigo de outros termos.
- e. A licença concedida para o Programa está sujeita ao cumprimento das seguintes obrigações por parte do Licenciado:
  - (1) reprodução de avisos de direitos de autor e outras marcas em qualquer cópia;
  - (2) garantir que qualquer pessoa que utilize o Programa: i) o faz somente em nome do Licenciado no âmbito da Utilização Autorizada do Licenciado; e ii) está em conformidade com este Acordo;
  - (3) não inviabilizar qualquer dispositivo de desativação, não inversão da montagem, compilação inversa, tradução ou engenharia de reversão do Programa, exceto se tal for expressamente permitido por lei, e desde que não haja possibilidade de renúncia contratual; e
  - (4) não utilizar quaisquer elementos do Programa ou materiais licenciados relacionados separadamente do Programa.
- f. Se um DT para um Programa ("Programa Principal") declarar que um "Programa de Suporte" está incluído no Programa Principal, o Licenciado pode utilizar o Programa de Suporte sujeito a quaisquer limitações de licença do Programa Principal, e apenas para apoiar o Programa Principal.

- g. Esta licença aplica-se a cada cópia do Programa feita pelo Licenciado.
- h. Uma atualização, correção ou patch para um Programa está sujeita aos termos que regem o Programa, salvo se forem fornecidos novos termos num DT atualizado. O Licenciado aceita tais novos termos mediante a instalação da atualização, correção ou patch. Caso um Programa seja substituído por uma atualização, o Licenciado concorda em descontinuar imediatamente a utilização do Programa substituído.

## 2. Garantias

- a. Sujeito à legislação aplicável, os Programas são fornecidos tal como estão, sem garantias de qualquer espécie, incluindo i) sem garantia de funcionamento ininterrupto ou isento de erros do Programa; ou ii) sem outras garantias, tais como garantias implícitas ou condições de qualidade satisfatória, comercialização, não infração e adequação a um determinado fim.
- b. A IBM não fornece qualquer suporte, a menos que de outra forma especificado num D T.

## 3. Encargos, Impostos, Pagamento e Verificação

- a. Não existem encargos para a utilização de um Programa durante o de Avaliação, a menos que especificado de outra forma pela IBM. Caso haja, por parte de uma autoridade competente, a imposição de qualquer direito alfandegário, imposto (incluindo um imposto de retenção na fonte), contribuição ou taxa relativa à importação ou exportação, transferência, acesso ou utilização do Programa, o Licenciado é responsável pelo pagamento de tal montante.
- b. Se o Licenciado importar, exportar, transferir, aceder ou utilizar um Programa além-fronteiras, o Licenciado concorda em ser responsável por e pagar às autoridades qualquer taxa alfandegária, imposto ou contribuição similar determinada pelas autoridades. Tal situação exclui os impostos baseados no rendimento líquido da IBM.

### 3.1 Verificação de Licenciamento

- a. O Licenciado irá, para todos os Programas utilizados, criar, reter e fornecer à IBM, mediante pedido com antecedência de 30 dias: i) um relatório, no formato exigido pela IBM, utilizando registos, resultados de ferramentas do sistema e outras informações do sistema; e ii) documentação de suporte (em conjunto, "Dados de Implementação").
- b. A IBM e os respetivos auditores independentes podem, mediante aviso prévio razoável, verificar se o Licenciado cumpre com o Acordo em todas as instalações e contextos em que utilize (para quaisquer fins) os Programas. A verificação será realizada de forma a minimizar perturbações no negócio do Licenciado, podendo ser realizada nas instalações do Licenciado, durante o horário normal de expediente. A IBM celebrará um acordo de confidencialidade por escrito com o auditor independente. Adicionalmente ao fornecimento dos Dados de Implementação descritos acima, o Licenciado concorda em fornecer à IBM e aos respetivos auditores as informações adicionais necessárias e os Dados de Implementação, mediante pedido.
- c. O Licenciado irá prontamente encornendar e pagar os encargos de acordo com as taxas atuais da IBM associadas a: i) quaisquer implementações que excedam as autorizações indicadas em ou por qualquer relatório ou verificação; ii) subscrição e serviços de suporte (S&S) aplicáveis a tais implementações em excesso pelo menor de entre o período de duração de tal utilização em excesso ou dois anos; e iii) quaisquer encargos adicionais e outras obrigações determinadas como resultado de tal verificação, incluindo, mas não se limitando a, impostos, taxas e comissões regulamentares.

## 4. Responsabilidade

- a. A responsabilidade total da IBM por todas as reivindicações relacionadas com o Acordo não excederá o montante de quaisquer danos diretos reais incorridos pelo Licenciado até ao valor mais elevado de: i) IO 000,00 USD (ou o equivalente em moeda local); ou ii) os valores pagos (se forem encargos recorrentes, aplicam-se até 12 meses de encargos) pelos direitos para o Programa que é objeto da reclamação, independentemente da base da reclamação. A IBM não será responsável por danos especiais, incidentais, exemplares, indiretos ou económicos consequenciais, ou por perda de lucros, negócio, valor, receitas, clientela ou poupanças previstas. Estas limitações aplicam-se coletivamente à IBM, suas afiliadas, subcontratados e fornecedores.
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## 5. Rescisão

- a. O Período de Avaliação começa na data em que o Licenciado concorda com os termos deste Acordo e termina na data que ocorrer primeiro: i) na data especificada no DT aplicável; ou ii) a data em que o Programa se desativa automaticamente. O Licenciado irá destruir o Programa e todas as cópias efetuadas no prazo de dez dias após terminar o Período de Avaliação. O Licenciado é responsável por remover qualquer Conteúdo antes da conclusão do Período de Avaliação, pois qualquer dispositivo desativado pode impedir a utilização após a conclusão.
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## 6. Legislação Aplicável e Âmbito geográfico

- a. Ambas as partes aceitam a aplicação das leis do país no qual foi efetuada a transação de direitos de licença, independentemente dos princípios de conflito de leis. Os direitos e obrigações de cada uma das partes serão válidos apenas no país em que a transação ocorra ou, se acordado pela IBM, no país em que o Programa seja colocado em utilização produtiva, exceto que todas as licenças são válidas conforme especificamente concedidas.
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## 7. Geral

- a. A IBM é um contratante independente e não um agente, joint-venturer, parceiro ou fiduciário do Licenciado, não se comprometendo a cumprir quaisquer obrigações regulamentares do Licenciado, nem assumindo qualquer responsabilidade pelos negócios ou operações do Licenciado. O Licenciado é responsável pela utilização de Programas IBM e Programas Não IBM. A IBM age apenas como um fornecedor de tecnologias de informação. A indicação da IBM, utilização sugerida, orientação ou utilização de um Programa não constitui qualquer parecer médico, clínico, jurídico, contabilístico ou outro aconselhamento profissional credenciado. O Licenciado deverá obter o seu próprio aconselhamento especializado.
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- g. As autorizações de licença para Programas são fornecidas pela International Business Machines Corporation, uma empresa de Nova Iorque ("IBM Corporation"). A empresa IBM à qual o Licenciado adquire os direitos ("IBM") atua como um distribuidor, entrega os Programas e é responsável por fazer cumprir os termos deste Acordo. Caso as titularidades sejam adquiridas a um Parceiro de Negócios IBM, empresa IBM para o país de aquisição é responsável por fazer cumprir os termos deste Acordo. Nenhum direito ou causa de ação é criado a favor do Licenciado contra a IBM Corporation. O Licenciado renuncia a todos os direitos ou causas de ação contra a IBM Corporation e aceita recorrer exclusivamente à IBM quanto a direitos e soluções relacionados com Programas.
- h. O Licenciado não pode sublicenciar, ceder ou transferir a licença para qualquer Programa (salvo na medida em que a cedência ou transferência não possam ser sujeitas a uma restrição legal, ou na medida em que sejam expressamente permitidas por um DT, ou conforme for acordado pela IBM). A IBM pode atribuir os seus direitos e obrigações ao abrigo deste Acordo em conjunto com a venda de parte do negócio da IBM que inclui um Programa. A IBM pode partilhar este Acordo e documentos relacionados em conjunto com qualquer cedência.
- i. Todos os avisos ao abrigo do Acordo deverão ser feitos por escrito e enviados para a morada da empresa especificada no acordo. O Licenciado adquiriu os direitos de licença, exceto se uma das partes designar por escrito uma morada diferente. As partes autorizam a utilização de meios eletrónicos e transmissões por fax para realizar comunicações, como se de um documento assinado se tratasse. Qualquer reprodução do Acordo efetuada por meios fiáveis é considerada um original. O Acordo substitui qualquer negociação, discussão ou declaração entre as partes.
- j. O presente Acordo não cria qualquer direito ou causa de ação para terceiros. Nenhuma das partes irá interpor ação judicial decorrente ou relacionada com o presente Acordo decorridos mais de dois anos após a ocorrência da causa da ação. Nenhuma das partes será considerada responsável por incumprimento das suas obrigações não monetárias devido a eventos alheios ao seu controlo. Ambas as partes concordam em conceder um prazo razoável, para correção de eventuais incumprimentos, antes de alegar que a outra parte não cumpriu as suas obrigações.
- k. A IBM poderá utilizar pessoal e recursos em localizações em todo o mundo, incluindo terceiros subcontratados, para dar suporte ao fornecimento de Programas e Suporte ao Programa. A utilização de Programas pelo Licenciado pode resultar na transferência de Conteúdo, incluindo informação pessoal identificável, para além das fronteiras nacionais para fornecer suporte ao Programa conforme descrito no Guia de Suporte para Software da IBM.

## **Parte 2 — Termos Exigidos pelo País**

Para licenças adquiridas nos países especificados infra referidos, os seguintes termos substituem ou modificam os termos referenciados deste ILAE. Os termos não alterados por estas alterações permanecem inalterados e em vigor.

### **1. AMÉRICA**

#### **Secção 4. Responsabilidade**

Inserir a seguinte exclusão de responsabilidade no final da alínea a):

No Peru: Em conformidade com o Artigo 1328 do Código Civil Peruano, as presentes limitações e exceções não serão aplicáveis nos casos de infração intencional ("dolo") ou negligência grosseira ("erro imperdoável").

#### **Secção 6. Legislação Aplicável e Âmbito Geográfico**

Na alínea a, substitua apenas a primeira frase por:

Na Argentina: Ambas as partes concordam com a aplicação das leis da República da Argentina, independentemente dos princípios de conflito de leis. Qualquer procedimento relativo a direitos, deveres e obrigações resultantes do presente Acordo serão apresentados no Tribunal Comercial Comum da Cidade da "Ciudad Autónoma de Buenos Aires".

No Chile: Ambas as partes aceitam a aplicação das leis do Chile, independentemente dos princípios de conflito de leis. Qualquer conflito, interpretação ou infração relacionados com o presente Acordo que não possa ser solucionado pelas Partes deverá ser remetido para a dos Tribunais Comuns da cidade e distrito de Santiago.

Na Colômbia: Ambas as partes concordam com a aplicação das leis da República da Colômbia, independentemente dos princípios de conflito de leis. Todos os direitos, deveres e obrigações estão sujeitos aos juízes da República da Colômbia.

No Equador: Ambas as partes concordam com a aplicação das leis da República do Equador, independentemente dos princípios de conflito de leis. Qualquer litígio resultante ou relacionado com o presente Acordo será submetido aos juízes civis de Quito e ao procedimento sumário verbal.

Na Venezuela: Ambas as partes aceitam a aplicação das leis da Venezuela, independentemente dos princípios de conflito de leis. As partes acordam em submeter qualquer conflito relacionado com o presente Acordo, existente entre elas, aos Tribunais da Área Metropolitana da Cidade de Caracas.

No Peru: Ambas as partes aceitam a aplicação das leis do Peru, independentemente dos princípios de conflito de leis. Qualquer discrepância que possa ocorrer entre as partes durante a execução, interpretação ou cumprimento do presente Acordo que não esteja diretamente resolvida deverá ser submetida à Jurisdição e Competência dos Juízes e Tribunais do Distrito Judicial "Cercado de Lima".

No Uruguai: Ambas as partes concordam com a aplicação das leis do Uruguai. Qualquer discrepância que possa ocorrer entre as partes durante a execução, interpretação ou cumprimento do presente Acordo que não esteja diretamente resolvida deverá ser submetida aos Tribunais de Montevideo ("Tribunales Ordinarios de Montevideo").

*Apenas na primeira frase da alínea a), substituir a frase "o país onde é efetuada a transação de direitos de licença" por: Estados Unidos, Anguilla, Antígua e Barbuda, Bahamas, Barbados, Bermuda, Ilhas Virgens Britânicas, Ilhas Caimão, Curapu, Dominica, Granada, Guiana, Jamaica, Monserrate, Saba, Santo Eustáquio, São Cristóvão e Nevis, Santa Lúcia, Saint Maarten, São Vicente e Granadinas, Suriname, Tortola, Trindade e Tobago, e Ilhas Turcas e Caicos: o Estado de Nova Iorque, Estados Unidos da América.*

No Canadá: a Província de Ontário e as leis federais do Canadá aplicáveis aos mesmos.

*Na segunda frase da alínea a), substituir a frase "o país em que é efetuada a transação de aquisição dos direitos de licença" por:*

Na Argentina: Argentina

No Chile: Chile

Na Colômbia: Colômbia

No Equador: Equador

No México: México

No Peru: Peru

No Uruguai: Uruguai

Na Venezuela: Venezuela

*Adicione as seguintes frases no fim da alínea b):*

No Brasil: Todas as disputas decorrentes ou relacionadas com este Acordo, incluindo procedimentos sumários, serão submetidas e sujeitas à jurisdição exclusiva do Fórum da Cidade de São Paulo, Estado de São Paulo, Brasil e as partes concordam irrevogavelmente com esta jurisdição específica, renunciando a qualquer outra, por mais privilegiada que seja.

No México: As Partes concordam em submeter-se à jurisdição exclusiva dos tribunais da Cidade do México para resolver qualquer disputa decorrente deste Acordo. As Partes renunciam a qualquer outra jurisdição que lhes possa corresponder em resultado dos respetivos domicílios atuais ou futuros, ou por qualquer outro motivo.

## **Secção 7. Geral**

Na alínea g):

Nos Estados Unidos: elimine as 2 últimas frases.

Na alínea i, adicione a seguinte nova frase depois da primeira frase:

No México: Qualquer de morada deverá ser comunicada com IO (dez) dias de antecedência, caso contrário as notificações efetuadas para a última morada indicada produzirão plenos efeitos jurídicos.

Na alínea j):

No Brasil: eliminar toda a segunda frase de "Nenhuma das partes tentará uma ação judicial decorrente ou relacionada com o Acordo mais de dois anos após o início da causa da ação".

Adicionar como uma nova alínea l a esta secção:

No Canadá: Ambas as partes aceitam redigir o presente documento em Inglês. Les parties ont convenu de rédiger le présent document en langue anglaise.

## **2. ÁSIA E PACÍFICO**

### **Secção 2. Garantias**

Adicionar no final desta secção como uma nova alínea c:

Na Austrália: Estas garantias complementam quaisquer direitos sob, e apenas limitadas na medida permitida pela Lei, a Lei da Concorrência e do Consumidor de 2010.

No Japão: A responsabilidade da IBM está limitada a esta alínea e à secção Responsabilidade; os DT aplicáveis são a única compensação do Cliente para o incumprimento das garantias especificadas nesta secção.

Na Nova Zelândia: Estas garantias complementam quaisquer direitos sob a Lei de Garantia do Consumidor de 1993 ou outra legislação que não possa ser limitada por lei.

### **Secção 4. Responsabilidade**

Na alínea a), adicionar o seguinte no fim da primeira frase:

Na Austrália: (por exemplo, quer seja baseado em contrato, delito, negligência, ao abrigo do estatuto ou qualquer outra forma)

Na alínea a), na segunda frase após a palavra "especial" e antes da palavra "incidental, " adicionar o seguinte:

Nas Filipinas: (incluindo danos nominais e exemplares), morais,

### **Secção 5. Rescisão**

Adicionar no final da secção como uma nova alínea d:

Na Indonésia: As partes renunciam ao artigo 1266 do Código Civil Indonésio na medida que exige um decreto judicial para a cessação de um acordo que cria obrigações mútuas.

### **Secção 6. Legislação Aplicável e Âmbito Geográfico**

Na alínea a), apenas na primeira frase, substituir a frase "o país onde é efetuada a transação de direitos de licença"

No Camboja, Laos: o Estado de Nova Iorque, Estados Unidos da América

Na Austrália: o Estado ou Território no qual a transação é efetuada

Em Hong Kong: a Região Administrativa Especial de Hong Kong da República Popular da China

Em Macau: a Região Administrativa Especial de Hong Kong da República Popular da China

Na Coreia: a República da Coreia e sujeito ao Tribunal Distrital Central de Seul da República da Coreia

Em Taiwan: Taiwan

Na Índia: Índia

Na alínea b, na primeira frase, ponto ii), após a palavra "incluindo" e antes das palavras "a defesa", adicione: No

Japão: as leis do Japão e

Na alínea a, na segunda frase, substitua a frase "o país onde é realizada a transação para adquirir direitos de licença ou, se a IBM concordar, o país onde o Programa é colocado em utilização produtiva" por:

Em Hong Kong: a Região Administrativa Especial de Hong Kong da República Popular da China

Em Macau: a Região Administrativa Especial de Macau da República Popular da China

Taiwan: Taiwan

Adicionar no final da secção como uma nova alínea d:

No Camboja, Laos, Filipinas e Sri Lanka: Os litígios serão resolvidos, em última instância, por arbitragem em Singapura, em conformidade com as Regras de Arbitragem do Centro Internacional de Arbitragem de Singapura ("Regras do SIAC").

Na Índia: Os litígios serão resolvidos, em última instância, em conformidade com a Lei de Conciliação e Arbitragem de 1996 então em vigor, em Inglês, com sede em Bangalore, Índia. Deverá existir um árbitro se o montante disputado for inferior ou igual a 50 milhões de rupias indianas e três árbitros, se o montante for superior a este valor. Quando um árbitro é substituído, os procedimentos devem continuar a partir da etapa em que se encontravam quando o lugar ficou vago.

Na Indonésia: Os litígios serão resolvidos, em última instância, por arbitragem em Jacarta, Indonésia, administrada pelo Conselho Nacional de Arbitragem da Indonésia estabelecido no ano de 1977 ("Badan Arbitrase Nasional Indonesia" ou "BANI") em conformidade com as regras do Conselho Nacional de Arbitragem da Indonésia. A decisão arbitral é definitiva e vinculativa para as partes, não passível de recurso, e deve ser redigida por escrito e conter as conclusões de facto e de direito.

Na República Popular da China: Qualquer das partes tem o direito de submeter o litígio à Comissão Internacional de Arbitragem Económica e Comercial da China, em Pequim, República Popular da China, para arbitragem. As partes concordam na utilização de três árbitros para resolver qualquer litígio.

No Vietname: Os litígios serão resolvidos, em última instância, por arbitragem no Vietname, em conformidade com as Regras de Arbitragem do Centro Internacional de Arbitragem do Vietname ("Regras do VIAC"). Todos os procedimentos e documentos serão apresentados no idioma Inglês.

## **Secção 7. Geral**

Na alínea j, na segunda frase, substitua a frase "dois anos" por:

Na Índia: três anos

Adicione no fim desta secção a seguinte nova alínea l:

Na Indonésia: O presente acordo é celebrado nas versões em língua inglesa e bahasa indonésia. Na medida permitida pela lei aplicável, a versão em Inglês prevalecerá no caso de conflito entre as referidas versões.

## **3. EUROPA, MÉDIO ORIENTE E ÁFRICA**

### **Secção 4. Responsabilidade**

Na alínea a, na primeira frase inserir o seguinte antes das palavras "os montantes pagos":

Na Bélgica, França, Alemanha, Itália, Luxemburgo, Malta, Portugal e Espanha: ao maior de 500 000€ (quinhentos mil euros) ou

Na Irlanda e Reino Unido: 125% de

Na alínea a, na primeira frase, substituir a expressão "danos ditetos incorridos pelo Licenciado" por:

Em Espanha: e danos comprovados incorridos pelo Licenciado em consequência direta do incumprimento da IBM

Na alínea a), inserir após a primeira frase a seguinte frase nova:

Na Eslováquia: Em referência ao S 379 do Código Comercial, Lei N.º 513/1991, conforme alterado, e no que diz respeito a todas as condições relacionadas com a conclusão do acordo, ambas as partes declaram que o total dos danos previsíveis, que poderão ocorrer, não excederá o montante acima indicado, sendo este o máximo pelo qual a IBM é responsável.

Na alínea a, insira antes da segunda frase a seguinte frase nova:

Na Rússia: A IBM não será responsável pela perda de benefícios.

Na alínea a, na segunda frase, eliminar a palavra: Na Irlanda e Reino Unido: económico no parágrafo a, substituir a segunda frase por.

Na Bélgica, Países Baixos e Luxemburgo: A IBM não será responsável por danos consequenciais, perda de lucros, negócio, valor, receitas, goodwill, danos para a reputação ou poupanças previstas, quaisquer reclamações de terceiros contra o Licenciado, bem como perda de (ou dano a) dados.

Em França: A IBM não será responsável por danos na reputação, danos indiretos, ou por perda de lucros, negócio, valor, receitas, clientela ou poupanças previstas.

Em Portugal: A IBM não será responsável por danos indiretos, incluindo lucros cessantes.

Em Espanha: A IBM não será responsável por danos na reputação, perda de lucros, negócio, valor, receitas, clientela ou poupanças previstas.

Adicionar o seguinte no fim da alínea a):

Em França: Os termos do Acordo, incluindo os termos financeiros, foram estabelecidos em consideração desta cláusula, a qual é uma parte integrante da economia geral do Acordo.

Na alínea b, substitua "danos que não possam ser limitados nos termos da legislação aplicável" pelo seguinte: Na Alemanha: i) danos por lesões corporais (incluindo morte); ii) perda ou dano causado por uma infração da garantia assumida pela IBM relacionada com qualquer transação ao abrigo deste Acordo; e iii) causados intencionalmente ou por negligência grosseira.

## **Secção 6. Legislação Aplicável e Âmbito Geográfico**



Na alínea a, apenas na primeira frase, substitua a frase "o país onde é realizada a transação para direitos de licença"

Albânia, Arménia, Azerbaijão, Bielorrússia, Bósnia-Herzegovina, Bulgária, Croácia, Antiga República Jugoslava da Macedónia, Geórgia, Cazaquistão, Quirguistão, Moldávia, Montenegro, Roménia, Sérvia, Tajiquistão, Turquemenistão, Ucrânia e Usbequistão: Áustria

Na Estónia, Letónia e Lituânia: Finlândia

Na Argélia, Andorra, Benim, Burkina Faso, Burúndi, Camarões, Cabo Verde, República Centro-Africana, Chade, Comores, República do Congo, Jibuti, República Democrática do Congo, Guiné Equatorial, Guiana Francesa, Polinéssia Francesa, Gabão, Guiné, Guiné-Bissau, Costa do Marfim, Líbano, Madagáscar, Mali, Mauritânia, Maurícia, Maiote, Marrocos, Nova Caledónia, Níger, Reunião, Senegal, Seicheles, Togo, Tunísia, Vanuatu e Wallis e Futuna: França

Em Angola, Barém, Botsuana, Egito, Eritreia, Etiópia, Gâmbia, Gana, Jordânia, Quénia, Kuwait, Libéria, Malawi, Malta, Moçambique, Nigéria, Omã, Paquistão, Catar, Ruanda, São Tomé e Príncipe, Arábia Saudita, Serra Leoa, Somália, Tanzânia, Uganda, Emirados Árabes Unidos, Faixa de Gaza, Iémen, Zâmbia e Zimbabuê: Inglaterra

No Liechtenstein: Suíça

Na África do Sul, Namíbia, Lesoto e Suazilândia: a República da África do Sul

No Reino Unido: Inglaterra

Na alínea a, adicione o seguinte texto no fim da primeira frase:

Em França: As Partes concordam que os artigos 1222 e 1223 do Código Civil Francês não são aplicáveis.

Adicionar o seguinte no fim da alínea a):

Na Albânia, Arménia, Azerbaijão, Bielorrússia, Bósnia-Herzegovina, Bulgária, Croácia, Antiga República da Jugoslávia, República da Macedónia, Geórgia, Cazaquistão, Kosovo, Quirguistão, Moldávia, Montenegro, Roménia, Rússia, Sérvia, Tajiquistão, Turcomenistão, Ucrânia e Usbequistão: todos os litígios decorrentes do presente Acordo serão definitivamente resolvidos pelo Centro Internacional de Arbitragem da Câmara Económica Federal Austríaca (Órgão de Arbitragem), ao abrigo das Regras de Arbitragem desse Centro de Arbitragem (Regras de Viena), em Viena, Áustria, tendo o inglês como língua oficial, por três árbitros imparciais nomeados em conformidade com as Regras de Viena. Cada uma das partes nomeará um árbitro e, em conjunto, nomearão um presidente independente no prazo de 30 dias. Caso contrário, o presidente será nomeado pelo Organismo de Arbitragem em conformidade com as Regras de Viena. Os árbitros não terão qualquer autoridade para conceder medidas ou indemnizações injuntivas excluídas por ou que excedam os limites do presente Acordo. Nenhuma disposição do presente Acordo impedirá qualquer uma das partes de recorrer a procedimentos judiciais para (1) obter medidas provisórias no sentido de impedir danos materiais ou uma infração de disposições de confidencialidade ou direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de autor, patentes ou marcas comerciais propriedade ou reivindicados por uma parte ou pela respetiva Empresa, ou (3) cobrança de dívidas em montantes inferiores a 500 000,00 USD.

Na Estónia, Letónia e Lituânia: todos os litígios emergentes do presente Acordo serão resolvidos, em última instância, pelo Instituto de Arbitragem da Câmara de Comércio da Finlândia (FAI) (Organismo de Arbitragem), em conformidade com as Regras de Arbitragem da Câmara de Comércio da Finlândia (Regras), em Helsínquia, Finlândia, com o inglês como idioma oficial, por três árbitros imparciais nomeados em conformidade com essas Regras. Cada uma das partes nomeará um árbitro, que, em conjunto, nomeará um presidente independente no prazo de 30 dias. Caso contrário, o presidente será nomeado pelo Organismo de Arbitragem em conformidade com as Regras. Os árbitros não terão qualquer autoridade para conceder medidas ou indemnizações injuntivas excluídas por ou que excedam os limites do presente Acordo. Nenhuma disposição do presente Acordo impedirá qualquer uma das partes de recorrer a procedimentos judiciais para (1) obter medidas provisórias no sentido de impedir danos materiais ou uma violação de disposições de confidencialidade ou direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de autor, patentes ou marcas comerciais propriedade ou reivindicados por uma parte ou pela respetiva Empresa, ou (3) cobrança de dívidas em montantes inferiores a 500 000,00 USD.

No Afeganistão, Angola, Barém, Botsuana, Burúndi, Cabo Verde, Jibuti, Egito, Eritreia, Etiópia, Gâmbia, Gana, Iraque, Jordânia, Quénia, Kuwait, Líbano, Libéria, Líbia, Madagáscar, Malawi, Moçambique, Nigéria, Omã, Paquistão, Território Palestiniense, Catar, Ruanda, São Tomé e Príncipe, Arábia Saudita, Seicheles, Serra Leoa, Somália, Sudão do Sul, Tanzânia, Uganda, Emirados Árabes Unidos, Saara Ocidental, Iémen, Zâmbia e Zimbabuê: todos os litígios emergentes do presente Acordo serão resolvidos, em última instância, pelo Tribunal Arbitral Internacional de Londres (LCIA, em inglês) (Organismo de Arbitragem), em conformidade com as Regras de Arbitragem do LCIA (as Regras), em Londres, Reino

Unido, com o inglês como idioma Oficial, por três árbitros imparciais nomeados em conformidade com as Regras. Cada uma das partes nomeará um árbitro, que, em conjunto, nomeará um presidente independente no prazo de 30 dias. Caso contrário, o presidente será nomeado pelo Organismo de Arbitragem em conformidade com as Regras. Os árbitros não terão qualquer autoridade para conceder medidas ou indemnizações injuntivas excluídas por ou que excedam os limites do presente Acordo. Nenhuma disposição do presente Acordo impedirá qualquer uma das partes de recorrer a procedimentos judiciais para (1) obter medidas provisórias no sentido de impedir danos materiais ou uma infração de disposições de confidencialidade ou direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de autor, patentes ou marcas comerciais propriedade ou reivindicados por uma parte ou pela respetiva Empresa, ou (3) cobrança de dívidas em montantes inferiores a 500 000,00 USD.

Na Argélia, Benim, Burkina Faso, Camarões, República Centro-Africana, Chade, República do Congo, República Democrática do Congo, Guiné Equatorial, Guiana Francesa, Polinésia Francesa, Gabão, Guiné, Guiné-Bissau, Costa do Marfim, Mali, Mauritânia, Maurícias, Marrocos, Níger, Senegal, Togo e Tunísia: todos os litígios emergentes do presente Acordo serão resolvidos, em última instância, pelo Tribunal Arbitral Internacional da ICC, em Paris (Organismo de Arbitragem), em conformidade com as respetivas regras de arbitragem (as Regras), em Paris, França, com o francês como idioma oficial, por três árbitros imparciais nomeados em conformidade com as Regras. Cada uma das partes nomeará um árbitro, que, em conjunto, nomeará um presidente independente no prazo de 30 dias. Caso contrário, o presidente será nomeado pelo Organismo de Arbitragem em conformidade com as Regras. Os árbitros não terão qualquer autoridade para conceder medidas ou indemnizações injuntivas excluídas por ou que excedam os limites do presente Acordo. Nenhuma disposição do presente Acordo impedirá qualquer uma das partes de recorrer a procedimentos judiciais para (1) obter medidas provisórias no sentido de impedir danos materiais ou uma infração de disposições de confidencialidade ou direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de autor, patentes ou marcas comerciais propriedade ou reivindicados por uma parte ou pela respetiva Empresa, ou (3) cobrança de dívidas em montantes inferiores a 250 000,00 USD. Na África do Sul, Namíbia, Lesoto e Suazilândia: todos os litígios emergentes do presente Acordo serão resolvidos, em última instância, pela Fundação Arbitral da África Austral (AFSA) (Organismo de Arbitragem), em conformidade com as Regras de Arbitragem da AFSA (as Regras), em Joanesburgo, África do Sul, com o inglês como idioma oficial, por três árbitros imparciais nomeados em conformidade com as Regras. Cada uma

das partes nomeará um árbitro, que, em conjunto, nomeará um presidente independente no prazo de 30 dias.

Caso contrário, o presidente será nomeado pelo Organismo de Arbitragem em conformidade com as Regras. Os árbitros não terão qualquer autoridade para conceder medidas ou indemnizações injuntivas excluídas por ou que excedam os limites do presente Acordo. Nenhuma disposição do presente Acordo impedirá qualquer uma das partes de recorrer a procedimentos judiciais para (1) obter medidas provisórias no sentido de impedir danos materiais ou uma infração de disposições de confidencialidade ou direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de autor, patentes ou marcas comerciais propriedade ou reivindicados por uma parte ou pela respetiva Empresa, ou (3) cobrança de dívidas em montantes inferiores a 250 000,00 USD.

Em Andorra, Áustria, Chipre, França, Alemanha, Grécia, Israel, Itália, Portugal, Espanha, Suíça e Turquia: Todos os litígios serão apresentados e estarão sujeitos à jurisdição exclusiva dos seguintes tribunais de jurisdição competente:

Em Andorra: o Tribunal Comercial de Paris.

Na Áustria: o tribunal de Viena, Áustria (Cidade Interna).

No Chipre: o tribunal competente de Nicosia.

Em França: Tribunal Comercial de Paris.

Na Alemanha: os tribunais de Estugarda.

Na Grécia: o tribunal competente de Atenas.

Em Israel: os tribunais de Tel Aviv-Jaffa.

Em Itália: os tribunais de Milão.

Em Portugal: os tribunais de Lisboa.

Em Espanha: os tribunais de Madrid.

Na Suíça: o tribunal comercial do cantão de Zurique.

Na Turquia: os Tribunais Centrais de Istambul (Çağlayan) e os Diretorados de Execução de Istambul, na República da Turquia.

Na Holanda: As partes prescindem dos seus direitos descritos no Título 7.1 ("Koop") e cláusula 7:401 e 402 do Código Civil Holandês e os respetivos direitos de invocar uma ~~l~~ dissolução total ou parcial

("gehele of partiele ontbinding") do presente Acordo ao abrigo da secção 6:265 do Código Civil Holandês.

## **Secção 7. Geral**

Na alínea d, insira o seguinte no fim da alínea:

Em Espanha: A IBM cumprirá com os pedidos para avaliar, atualizar ou eliminar as informações de contactos se forem submetidos para o seguinte endereço: IBM, c/ Santa Hortensia 26-28, 28002 Madrid, Departamento de Privacidad de Datos. Na alínea j, adicione no fim da alínea:

Na República Checa: Nos termos da Secção 1801 do Artigo N.º 89/2012 (o "Código CiviV"), a Secção 1799 e a Secção 1800 do Código Civil, na redação em vigor, não se aplicam a transações nos termos do Acordo. O Licenciado aceita o risco de uma alteração de circunstâncias nos termos da Secção 1765 do Código Civil.

Na alínea j:

Na Bulgária, Croácia, Rússia, Sérvia e Eslovénia: elimine a segunda frase que menciona "Nenhuma das partes tentará uma ação judicial decorrente ou relacionada com o Acordo mais de dois anos após o início da causa da ação".

Na alínea j, adicione o seguinte no fim da segunda frase:

Na Lituânia:, exceto conforme previsto pela lei Na alínea j, substitua a segunda frase por:

Na Polónia: Nenhuma das partes irá interpor ação judicial decorrente ou relacionada com o presente Acordo decorridos mais de três anos após a ocorrência da causa da ação, exceto para uma ação de não pagamento que será intentada não mais do que 2 anos após o vencimento do pagamento.

Na alínea j, segunda frase, substitua a palavra "dois" por:

Na Letónia e na Ucrânia: três

Na Eslováquia: quatro

Na alínea j, adicione no fim da terceira frase que menciona: "Nenhuma das partes é responsável por falha no cumprimento das suas obrigações não monetárias devido a causas alheias ao seu controlo":

Na Rússia:, incluindo, mas não se limitando a terremotos, inundações, incêndios, casos de força maior, greves (exceto greves dos funcionários das partes), atos de guerra, ações militares, embargos, bloqueios, sanções internacionais ou governamentais e atos de autoridades da jurisdição aplicável.

Na alínea j, terceira frase, modifique a frase: "Nenhuma das partes é responsável por falha no cumprimento das suas obrigações não monetárias devido a causas alheias ao seu controlo" como se segue:

Na Ucrânia: Nenhuma das partes é responsável por falha no cumprimento das suas obrigações não monetárias devido a eventos ou alterações regulamentares alheios ao seu controlo, incluindo, mas não se limitando, a requisitos de importação, exportação e sanções económicas dos Estados Unidos.

Adicione o seguinte no fim da secção como uma nova alínea l:

Na Hungria: Ao celebrar este Acordo, o Licenciado confirma que foi suficientemente informado de todas as disposições deste Acordo e teve a oportunidade de negociar esses termos. As seguintes disposições podem divergir significativamente das disposições geralmente aplicadas pela lei Húngara e ambas as partes aceitam essas disposições ao assinar o Acordo: Licença do Programa; Garantias; Encargos, Impostos, Pagamento e Verificação; Responsabilidade; Rescisão; Legislação Aplicável e Âmbito Geográfico; e Geral.

Na República Checa: O Licenciado aceita expressamente os termos deste acordo que inclui os seguintes termos comerciais importantes: i) limitação e exclusão de responsabilidade por defeitos (Garantias); ii) limitação do direito do Licenciado a danos (Responsabilidade); iii) natureza vinculativa dos regulamentos de exportação e importação (Legislação Aplicável e Âmbito Geográfico); iv) períodos limites mais curtos (Geral); v) exclusão da aplicabilidade de disposições sobre contratos de adesão (Geral); e vi) aceitação do risco de uma alteração de circunstâncias (Geral).

Na Roménia: O Licenciado aceita expressamente as seguintes cláusulas-úpo que poderão ser consideradas "cláusulas fora do comum" conforme as disposições do artigo 1203 do Código Civil Romano: cláusulas 2, 4, 5, 8j. O Licenciado confirma que recebeu informação suficiente relativamente a todas as disposições do presente Acordo, incluindo as cláusulas supra mencionadas, analisou e compreendeu estas disposições e teve oportunidade de negociar os termos de cada cláusula.

## **Anexo IV - Acordo International Passport Advantage**

O presente Acordo International Passport Advantage (IPAA) e respetivos Anexos e Documentos de Transação (DdTs) aplicáveis relativos a cada transação ao abrigo deste IPAA (em conjunto o "Acordo") constituem o acordo completo sob o qual o Cliente pode encomendar Produtos Elegíveis (PEs) à IBM ou a Parceiros de Negócios IBM. Os PE são ofertas IBM e de outras marcas, como Programas, Aparelhos ou Serviços disponibilizados ao Cliente pela IBM. Os serviços incluem, mas não estão limitados a Ofertas de Suporte, Serviços de Nuvem ou outros Serviços fornecidos pela IBM, como personalização, configuração ou outros serviços de suporte aos PE, conforme detalhado num Anexo ou DT.

Os DT contém os detalhes das transações, como os encargos e uma descrição e a informação sobre os PE aplicáveis. Os exemplos de DT incluem os termos de utilização, descrições de serviço, cotações e Provas de Titularidade (PT). Pode existir mais do que um DdT aplicável a uma transação.

Os anexos fornecem termos adicionais aplicáveis a determinados tipos de PEs.

O IPAA é um Contrato internacional e a Parte 2 – Termos e Condições Exigidos pelo País alteram a Parte 1 – Termos e Condições Globais conforme seja aplicável para um país especificado.

Nos termos da Secção 9, em caso de conflito, um Anexo prevalece sobre este IPAA e um DT prevalece sobre qualquer Anexo e este IPAA.

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## Parte 1 – Termos e Condições Globais

### 1. Aceitação do IPAA

- a. A Empresa de Origem do Cliente (identificada como a Localização de Origem no Formulário de Inscrição do IPAA) e cada uma das respectivas Empresas participantes (identificadas como uma Localização Adicional no Formulário de Inscrição do IPAA) (em conjunto, o Cliente) aceitam este IPAA ao enviar um Formulário de Inscrição do IPAA para a IBM ou para o Parceiro de Negócios IBM escolhido pelo Cliente.
- b. A Companhia Originária da IBM que aceita as Encomendas da Companhia Originária do Cliente e a Companhia Originária do Cliente concordam em coordenar as atividades da respectiva Empresa ao abrigo deste IPAA. A Companhia Originária do Cliente é responsável pelo cumprimento dos termos por todas as Localizações do Cliente associadas a um Número de Localização Passport Advantage (cada, uma Localização) ao abrigo do presente IPAA.
- c. Empresa significa o conjunto de entidades jurídicas que sejam proprietárias, detidas ou estejam sob propriedade comum com a Companhia Originária do Cliente por mais de 50%.
- d. Este IPAA entra em vigor na data em que a IBM aceita a encomenda inicial ao abrigo deste IPAA e permanece em vigor até que a Companhia Originária do Cliente ou a Companhia Originária da IBM o rescinda conforme descrito neste IPAA. A IBM aceita as encomendas do Cliente ao: i) enviar um DdT que inclui o nível de utilização autorizada; ii) disponibilizar um Programa ou Serviço de Cloud; iii) enviar um Appliance; ou iv) fornecer os Serviços.

### 2. Proteção de Dados e Conteúdos

- a. O conteúdo consiste em todos os dados, software e informação que o Cliente ou respetivos utilizadores autorizados fornecem, autorizam acesso ou introduzem nos Serviços de Cloud ou informações ou dados que o Cliente possa fornecer, disponibilizar ou conceder acesso, no âmbito do fornecimento pela IBM dos Serviços de Cloud ou outros Serviços. O Cliente concede os direitos e permissões à IBM, respetivas afiliadas e subcontratados para utilizar, fornecer, armazenar ou de outra forma processar Conteúdo exclusivamente com a finalidade de prestar os Serviços de Cloud ou outros Serviços. Entre a IBM e o Cliente, a utilização dos Serviços de Cloud ou outros Serviços não afetará a propriedade ou os direitos de licença do Cliente no Conteúdo.
- b. A IBM, respetivas afiliadas e respetivos subcontratados podem aceder e utilizar o Conteúdo exclusivamente com a finalidade de fornecer e gerir os Serviços IBM Cloud ou outros Serviços IBM. A IBM irá tratar todo o Conteúdo como confidencial apenas divulgando o Conteúdo aos funcionários e subcontratados da IBM na medida necessária para fornecer os Serviços IBM Cloud ou outros Serviços IBM.
- c. O Cliente é responsável por obter todos os direitos e permissões necessários para permitir o processamento do Conteúdo nos Serviços de Cloud ou para que a IBM preste outros Serviços. O Cliente fará as divulgações e obterá o consentimento exigido por lei antes de o Cliente fornecer, autorizar o acesso ou inserir informações de indivíduos, incluindo dados pessoais ou outros dados regulados, para processamento nos Serviços IBM Cloud ou utilização pela IBM na prestação dos outros Serviços.
- d. Se qualquer Conteúdo estiver sujeito a regulamentação governamental ou requeira medidas de segurança além das especificadas pela IBM para os Serviços de Cloud ou para prestação de outros Serviços, o Cliente não irá fornecer, permitir o acesso ou inserir o Conteúdo para processamento nos Serviços de Cloud ou fornecer, ou permitir acesso ao Conteúdo à IBM para fornecer outros Serviços, a menos que especificamente permitido no DdT aplicável ou a menos que a IBM tenha previamente concordado por escrito em implementar segurança adicional e outras medidas. O Cliente é responsável pela cópia de segurança adequada do Conteúdo nos sistemas geridos do Cliente antes de fornecer ou permitir o acesso ao Conteúdo à IBM para prestar outros Serviços.
- e. Os Princípios de Segurança e Privacidade de Dados (DSP) da IBM, em <http://ibm.com/terms/?id=z126-7745>, aplicam-se aos Serviços IBM na Nuvem padrão e a outros Serviços IBM geralmente disponíveis, conforme identificado num DT. A critério da IBM, a IBM pode alterar o DSP de tempos a tempos e a alteração entrará em vigor quando publicada ou na data efetiva especificada. A intenção de qualquer alteração será melhorar e clarificar os compromissos existentes

e manter o alinhamento com os standards operacionais e de segurança adotados atualmente ou com as leis aplicáveis. A intenção é não degradar a segurança ou funcionalidade.

- f. As funcionalidades e funções de segurança específicas de um Serviço IBM Cloud ou de outros Serviços IBM serão descritos no Anexo e/ou DdTs aplicáveis. O Cliente é responsável por selecionar, encomendar, ativar ou utilizar as funcionalidades de proteção de dados disponíveis adequadas para suportar a utilização do Cliente dos Serviços de Cloud. O Cliente é responsável por avaliar a adequação dos Serviços de Cloud para o Conteúdo e a utilização pretendida pelo Cliente do Conteúdo com os Serviços que a IBM irá prestar. O Cliente reconhece que a utilização dos Serviços de Cloud e outros Serviços cumpre os requisitos do Cliente e as instruções de processamento requeridas para cumprir com as leis aplicáveis.
- g. A Adenda sobre Tratamento de Dados (DPA) da IBM encontra-se em <http://www.ibm.com/dpa>. A DPA e os respetivos Anexos à DPA aplicam-se ao tratamento de dados pessoais pela IBM em nome do Cliente.
- h. Para Serviços IBM Cloud com funcionalidades autogeridas, o Cliente pode remover o Conteúdo em qualquer momento. A IBM devolverá ou removerá o Conteúdo dos recursos informáticos da IBM após a expiração ou o cancelamento dos Serviços IBM Cloud ou de outros Serviços IBM, ou antes, a pedido do Cliente. A IBM poderá cobrar determinadas atividades executadas a pedido do Cliente (tais como fornecimento de Conteúdo num formato específico). A IBM não arquiva Conteúdo, embora algum Conteúdo possa permanecer nos ficheiros de cópia de segurança até ao limite de validade desses ficheiros conforme regido pelas práticas de retenção de cópias de segurança da IBM.

### **3. Garantias**

- a. A IBM garante um Programa IBM conforme definido no respetivo acordo de licença IBM aplicável.
- b. A IBM garante que fornece Serviços utilizando cuidados e competências comercialmente razoáveis, conforme descrito no Acordo. A garantia dos Serviços termina quando os Serviços terminam.
- c. A IBM garante que um componente de Máquina IBM de um Appliance utilizado no seu ambiente operativo especificado está em conformidade com as respetivas especificações. Uma Máquina é um dispositivo de hardware, com as respetivas funcionalidades, atualizações e acessórios. O período de garantia é especificado no Anexo ou DdT aplicável.
- d. Se um Aparelho não funcionar conforme garantido durante o prazo de garantia e a IBM não o puder reparar ou substituir por um Aparelho funcionalmente equivalente, o Cliente poderá devolvê-lo à IBM ou ao Parceiro de Negócios IBM para obter um reembolso do valor pago pelo Cliente (relativos a encargos recorrentes, até doze meses de encargos) e a licença ou direito do Cliente a utilizar esse Aparelho cessa.
- e. Estas garantias são as garantias exclusivas da IBM e substituem todas as outras garantias, incluindo as garantias implícitas ou condições de qualidade satisfatória, comercialização, não violação e adequação a um determinado fim. A IBM não garante o funcionamento ininterrupto ou operações isentas de erros de um PE, nem a correção, por parte da IBM, de todos os defeitos, ou que evitará interrupções causada por terceiros ou acesso não autorizado de terceiros a um PE. As garantias da IBM não serão aplicáveis em caso de utilização indevida, modificação, danos não causados pela IBM ou incumprimento das instruções escritas fornecidas pela IBM. PEs não IBM e produtos de pré-visualização, ou PEs IBM identificados não garantidos são vendidos ao abrigo do Acordo no estado em que se encontram, sem garantias de qualquer tipo. Terceiros podem fornecer as suas próprias garantias ao Cliente para PEs não IBM.

### **4. Encargos, Impostos, Pagamento e Verificação**

- a. O direito do Cliente a utilizar um PE depende de o Cliente pagar os encargos aplicáveis conforme especificado no Acordo ao abrigo do qual o Cliente adquiriu as titularidades.
- b. O Cliente concorda em pagar todos os encargos aplicáveis pelas titularidades adquiridas e quaisquer encargos pela utilização de autorizações em excesso. Os encargos são exclusivos de quaisquer taxas alfandegárias ou outras contribuições, impostos, comissões ou taxas exigidas por qualquer autoridade na sequência de aquisições do Cliente de titularidades e serão cobrados adicionalmente a estes encargos. Os valores são devidos após a receção da fatura e pagáveis, no prazo de 30 dias contados da data da fatura, na conta especificada pela IBM e, caso o pagamento não seja feito no prazo de 30

dias, poderão ser aplicados juros de mora. O Cliente é responsável por obter antecipadamente direitos adicionais adequados para aumentar a sua utilização. Os PEs pré-pagos têm de ser utilizados no período aplicável. A IBM não concede créditos ou reembolsos para quaisquer encargos pré-pagos, únicos ou outros encargos já devidos ou pagos, exceto

conforme especificado no presente Acordo. A IBM pode "pro-ratear" os encargos para PEs selecionados para alinhar com uma data comum, tal como datas de aniversário.

- c. No caso de ser exigida uma retenção ou dedução por conta de impostos, ao abrigo de qualquer lei ou regulamento de qualquer entidade ou autoridade governamental, nacional ou estrangeira, a ser feita pelo Cliente relativamente a qualquer encargo, o Cliente aumentará o montante a pagar no valor necessário para assegurar que a IBM recebe um montante igual à quantia que receberia se não tivessem sido feitas retenções ou deduções. Cabe ao Cliente a responsabilidade de pagar, qualquer imposto retido na fonte, diretamente à entidade governamental respetiva, quando exigido por lei.
- d. Se o Cliente importar, exportar, transferir, aceder ou utilizar um PE além fronteiras, o Cliente concorda em ser responsável e pagar às autoridades qualquer taxa alfandegária, imposto ou contribuição similar determinada pelas autoridades. Tal exclui os impostos baseados no rendimento líquido da IBM.
- e. A obrigação do Cliente pagar os encargos do PE devidos, ao abrigo deste Acordo é absoluta e incondicional e não está sujeita a compensação ou diferimento. Nem a IBM nem as suas afiliadas e subsidiárias fazem qualquer declaração relativa ao tratamento contabilístico do Cliente desses pagamentos; a IBM pode contabilizar as contas a receber como contas a receber de financiamento para efeitos de prestação de informações nos Estados Unidos.

#### **4.1 Verificação da Licença**

- a. Para todos os Programas em todos as Localizações e para todos os ambientes, o Cliente irá anualmente: i) fornecer um relatório dos Programas implementados, num formato equivalente ao modelo de relatório sob o relatório anual de Verificação de Licença em [http://www.ibm.com/about/software-licensing/us-en/sam/client\\_responsibilities](http://www.ibm.com/about/software-licensing/us-en/sam/client_responsibilities), ou de outra forma solicitada pela IBM, através de registos, resultados de ferramentas do sistema e outras informações do sistema; ii) fornecer documentação de suporte (coletivamente, Dados de Implementação); e iii) reter esta informação por um prazo mínimo de 2 anos. Mediante solicitação da IBM, o Cliente fornecerá estas informações no prazo de 30 dias do solicitação.
- b. Mediante notificação com uma antecedência razoável, a IBM e os seus auditores independentes podem verificar a conformidade do Cliente com o Contrato em todas as Localizações e para todos os ambientes em que o Cliente utiliza (para qualquer finalidade) os Programas. A verificação será realizada de uma forma que minimize a interrupção da atividade do Cliente. A verificação poderá ser realizada nas instalações do Cliente, durante o horário normal de expediente. A IBM terá um acordo de confidencialidade escrito com o auditor independente. Adicionalmente ao fornecimento dos Dados de Implementação descritos acima, o Cliente concorda em fornecer à IBM e seus auditores informações adicionais exatas e Dados de Implementação mediante pedido.
- c. O Cliente irá proceder prontamente à encomenda e pagar aos preços em vigor da IBM por: i) quaisquer implementações que excedam as autorizações indicadas em ou por qualquer relatório anual ou verificação; ii) S&S aplicável para tais implementações em excesso pelo menor de entre o período de duração do excesso de utilização ou dois anos; e iii) a quaisquer encargos adicionais e outras obrigações determinadas em resultado da referida verificação, incluindo, mas não se limitando a, direitos aduaneiros, impostos e taxas regulamentares.

#### **4.2 Preços por Volume**

- a. A IBM atribui a cada PE um valor de pontos, que pode ser zero e que pode ser alterado pela IBM. Um nível de Preço de Volume Sugerido de Relacionamento (RSVP) é determinado pela agregação de pontos de todos os PEs encomendados durante o Prazo do Programa Passport Advantage do Cliente (Vigência do Programa PA). O valor de pontos do pedido de PE inicial do Cliente determina o nível RSVP inicial do Cliente. O Cliente pode obter um Nível RSVP superior ao efetuar encomendas de PEs adicionais. O nível RSVP mais elevado será aplicado aos pedidos efetuados após a obtenção do nível RSVP mais elevado. Também é calculado um nível de Preço de Volume Sugerido (SVP) para cada encomenda e é baseado no valor de pontos para essa encomenda. Se o nível de SVP para uma

encomenda for superior ao nível de RSVP atual do Cliente, o nível de SVP será aplicado a essa encomenda.

- b. O Prazo do Programa de PA inicial tem início com a primeira encomenda do Cliente após a adesão e continua até ao último dia do décimo segundo mês seguinte (isto é, o Prazo do Programa de PA inicial inclui 12 meses completos e, se a encomenda não for efetuada no primeiro dia de um mês, os dias restantes do primeiro mês). O Prazo do Programa de PA de 12 meses seguinte tem início no primeiro dia do mês seguinte ao fim do Prazo do Programa de PA anterior (o Aniversário). Para cada Prazo do Programa de PA após o Prazo do Programa de PA inicial, o nível de RSVP do Cliente é repostado no Aniversário, com base nos PEs adquiridos por todas as Localizações ativas durante o Prazo do Programa de PA anterior. O nível de RSVP para um novo Prazo do Programa de PA não será inferior em mais de um nível, relativamente ao nível de RSVP do Cliente, no fim do Prazo do Programa de PA anterior.

**Tabela de Níveis RSVP/SVP**

| RSVP/Nível SVP | BL   | D   | E     | F     | G     | H      |
|----------------|------|-----|-------|-------|-------|--------|
| Pontos         | <500 | 500 | 1.000 | 2.500 | 5.000 | 10.000 |

- c. As Localizações do Cliente inscritas como Localização Governamental ou Localização de Opção de Volume Académico no Formulário de Inscrição do IPAA receberão o preço com desconto aplicável e não se aplicam os termos da Secção 4.2 acima. Para obter os preços da Opção de Volume Académico, os PE têm de ser utilizados apenas para fins académicos ou administrativos e não podem ser utilizados para fins comerciais.

## 5. Responsabilidade Civil e Proteção da Propriedade Intelectual

- a. A responsabilidade total da IBM por todas as reclamações relacionadas com o Acordo não excederá o montante de danos diretos efetivos incorridos pelo Cliente, até aos montantes pagos (se recorrentes, aplicar-se-ão os encargos relativos a 12 meses) pelo PE objeto da reclamação, independentemente da base da reclamação. A IBM não será responsável por danos especiais, incidentais, exemplares, indiretos ou económicos consequenciais, ou por perda de lucros, negócio, valor, receitas, clientela ou poupanças previstas. Este limite é aplicável coletivamente à IBM, suas subsidiárias, às entidades subcontratadas pela IBM e a fornecedores da IBM.
- b. Os montantes seguintes não estão sujeitos ao limite acima indicado: i) pagamentos a terceiros relacionados com reclamações por infração descritos no parágrafo 5(c) abaixo; e ii) danos que não possam ser limitados por força da lei aplicável.
- c. Na eventualidade de qualquer reclamação por parte de terceiros contra o Cliente de que um PE IBM adquirido ao abrigo do Acordo infringe uma patente ou direitos de autor, a IBM tomará a responsabilidade da defesa do Cliente contra tal reclamação e pagará a indemnização decidida judicialmente contra o Cliente ou o montante de um acordo aprovado pela IBM. Para obter a defesa da IBM e o pagamento de reclamações por infração, o Cliente tem de prontamente: i) notificar a IBM por escrito sobre a reclamação; ii) fornecer as informações solicitadas pela IBM; e iii) autorizar a IBM a controlar a defesa e o acordo e cooperar de forma razoável nos mesmos, incluindo nos esforços de mitigação. As obrigações de defesa e pagamento da IBM para reclamações de infração abrangem as reclamações de infração baseadas no código aberto que a IBM seleciona e incorpora num PE IBM.
- d. A IBM não se responsabiliza por reclamações baseadas em: i) PE de outras marcas; ii) itens não fornecidos pela IBM; iii) utilização adequada pela IBM de quaisquer produtos ou serviços de terceiros requeridos pelo Cliente relacionados com a administração da transação; iv) qualquer violação da lei ou direitos de terceiros causados pelos Conteúdos, ou quaisquer materiais, concepções, especificações do Cliente; ou v) utilização pelo Cliente de uma versão ou edição não atualizada de um PE da IBM, quando uma reclamação de infração poderia ter sido evitada através da utilização de uma versão ou edição atualizada.

## 6. Cessação

- a. Qualquer uma das partes pode resolver: i) este IPAA sem justa causa, mediante aviso prévio de, pelo menos, 30 dias à outra parte após a expiração ou cessação das suas obrigações nos termos do



presente Acordo; ou ii) imediatamente, com justa causa, caso a outra parte se encontre em incumprimento material do presente Acordo, desde que seja dado à parte em incumprimento tempo razoável para o sanar. A cessação deste IPAA não faz cessar as transações em vigor que não sejam afetadas pela causa dessa violação material e das disposições do Contrato, na medida em que estejam relacionadas com essas transações, permanecerão em vigor até ao integral cumprimento ou, à sua cessação, por outra forma, em conformidade com os termos do Contrato. Mediante qualquer cessação da licença do Cliente para utilizar um Programa, o Cliente irá destruir imediatamente todas as cópias de tal Programa.

- b. Quaisquer termos que, pela sua natureza, produzam efeitos para além da data de resolução do Acordo permanecerão em vigor até ao seu cumprimento, aplicando-se a sucessores e cessionários.
- c. Ambas as partes concordam em conceder um prazo razoável para correção de eventuais incumprimentos, antes de alegar que a outra parte não cumpriu as suas obrigações. O não pagamento por parte do Cliente ou o fornecimento de informações imprecisas ou fraudulentas de conta ou pagamento para adquirir PEs, constitui uma violação material.
- d. Este IPAA é resolvido, se durante 24 meses consecutivos: i) O Cliente não colocar uma encomenda; e ii) não existirem Serviços contínuos em vigor.

## **7. Legislação Aplicável e Âmbito Geográfico**

- a. Ambas as partes aceitam a aplicação das leis do país onde a transação é efetuada (ou para Serviços de Cloud IBM ou não IBM, as leis do país da morada de negócio do Cliente), independentemente dos princípios de conflito de lei. Quaisquer litígios serão apresentados perante um tribunal competente da jurisdição desse país.
- b. Os direitos e obrigações de cada entidade apenas são válidos no país onde a transação é efetuada (ou para Serviços IBM ou Não IBM, o país da morada de negócio do Cliente) ou, se a IBM concordar, o país onde o PE da IBM ou PE Não IBM é colocado em utilização produtiva, exceto que todas as licenças são válidas conforme especificamente concedidas.
- c. Ambas as partes são responsáveis pelo cumprimento: i) das leis e regulamentos aplicáveis ao seu negócio e Conteúdo, e ii) das leis e regulamentos de importação, exportação e sanções económicas, incluindo o regime de controlo comercial relativo à defesa em qualquer dos Estados Unidos da América e qualquer jurisdição aplicável que proíba ou restrinja a importação, exportação, reexportação ou transferência de produtos, tecnologia, serviços ou dados, direta ou indiretamente, para determinados países, fins ou utilizadores finais. A IBM não atuará como exportador ou importador do Cliente, exceto conforme exigido pelas leis de proteção de dados, para: i) qualquer Conteúdo; ii) utilização de qualquer parte de um Serviço de Cloud a partir de um país fora da morada de negócio do Cliente.
- d. Caso alguma disposição do Acordo venha a ser considerada inválida ou ineficaz, as restantes disposições mantêm-se em vigor. Nenhuma das disposições do Acordo afeta os direitos dos consumidores que não sejam passíveis de renúncia ou de limitação contratual. A Convenção das Nações Unidas Sobre Contratos para a Venda Internacional de Bens (United Nations Convention on Contracts for the International Sale of Goods) não é aplicável a transações ao abrigo do presente Acordo.

## **8. Termos Gerais**

- a. Os PEs destinam-se apenas a utilização na Empresa do Cliente. O Cliente não pode atribuir, revender, alugar, ceder ou transferir um PE para uma terceira entidade. Qualquer tentativa nesse sentido será considerada nula. O financiamento de Lease-back de Appliances é permitido. Os PEs não poderão ser utilizados para fornecer a terceiros "hosting" ou outros serviços de tecnologias de informação.
- b. A IBM pode retirar, mediante aviso prévio de 12 meses, Licenças a Termo, S&S, Suporte Selecionado, Serviços de Nuvem, Serviços de Aparelho. A IBM continuará a fornecer a oferta retirada durante o tempo restante do período de vigência não expirado do Cliente ou trabalhará com o Cliente no sentido de efetuar a migração para outra oferta IBM geralmente disponível. Os PEs de outras marcas podem ser descontinuados, em qualquer altura, se a entidade terceira os descontinuar, ou se a IBM deixar de disponibilizar os referidos PE de outras marcas.
- c. A IBM é uma empresa subcontratada independente, não sendo um agente, joint venturer, parceiro ou fiduciário do Cliente e não se compromete a cumprir ou a assumir qualquer responsabilidade por

quaisquer obrigações regulamentares, comerciais ou operacionais do Cliente. O Cliente é responsável pela respetiva utilização de PEs IBM e PEs Não IBM. A IBM apenas atua como um fornecedor de tecnologias de informação. A indicação, utilização sugerida ou orientação da IBM, ou a utilização do Cliente de um PE IBM não constitui aconselhamento médico, clínico, jurídico, contabilístico ou outro aconselhamento profissional licenciado. O Cliente deverá obter o seu próprio aconselhamento de um especialista. Cada entidade é responsável por determinar a atribuição, direção, controlo e indemnização do seu pessoal e do pessoal das suas afiliadas e respetivos subcontratados.

- d. Para Programas que a IBM fornece ao Cliente em formato tangível, a IBM cumpre as suas obrigações de envio e entrega mediante a entrega de tais Programas à transportadora designada pela IBM, a menos que acordado de outra forma por escrito pelo Cliente e pela IBM.
- e. O Cliente não pode utilizar PEs IBM ou PEs Não IBM, se a falha ou interrupção dos PEs IBM ou PEs Não IBM puder levar à morte, lesões corporais graves, danos à propriedade ou ao meio ambiente.
- f. As partes não divulgarão informações confidenciais a funcionários ou subcontratados sobre a outra parte sem um acordo de confidencialidade assinado, em separado. Se for trocada informação confidencial relacionada com o Acordo, o acordo de confidencialidade aplicável é incorporado, e sujeito, a este IPAA. Este parágrafo não se aplica a Conteúdo fornecido na utilização de Serviços de Cloud IBM ou Serviço de Cloud Não IBM.
- g. A IBM notificará o Cliente de quaisquer alterações a este IPAA através da publicação de um aviso no Portal Online Passport Advantage do Cliente e nos Termos e Condições da IBM em <http://www.ibm.com/terms>. O Cliente responsabiliza-se por subscrever nos Termos e Condições da IBM para receber avisos sobre as alterações do IPAA. Para os Clientes atuais, a data de entrada em vigor, dos novos termos e condições do IPAA, será 90 dias após a data de publicação do documento e as alterações não são retroativas. As alterações aplicam-se, a partir da data de entrada em vigor e o Cliente aceita as alterações ao: i) realizar novas encomendas; ii) continuar a utilizar os Serviços de Nuvem em curso ou contínuos; ou iii) renovar os PE após a data de entrada em vigor dos novos termos e condições do IPAA.
- h. A IBM mantém um conjunto robusto de condutas de negócio e diretrizes relacionadas que abrangem os conflitos de interesse, abuso de mercado, anti-suborno e corrupção, e fraude. A IBM e os seus funcionários cumprem estas políticas e determinam que os subcontratados tenham políticas semelhantes.
- i. A IBM, as suas afiliadas e respetivos subcontratados requerem a utilização de informações de contacto de negócio e determinadas informações de utilização de conta. Estas informações não são Conteúdo. As informações de contacto de negócio são utilizadas para comunicar e gerir negócios com o Cliente. Exemplos de informações de contacto de negócio incluem nome, telefone profissional, endereço, correio eletrónico, ID de utilizador e números de identificação fiscal. As informações de utilização da conta são necessárias para ativar, fornecer, gerir, suportar, administrar e melhorar os PEs. Exemplos de informações de utilização da conta incluem erros comunicados e informações digitais recolhidas através de tecnologias de rastreio, tais como cookies e web beacons durante a utilização dos PEs. A Declaração de Privacidade da IBM em <http://www.ibm.com/privacy> fornece detalhes adicionais relativas à recolha, utilização e tratamento de informações de contacto de negócio e de utilização da conta pela IBM. Quando o Cliente fornece informações à IBM e for necessário o aviso, ou consentimento, dos indivíduos para tal tratamento, o Cliente irá notificar os indivíduos e obter o seu consentimento.
- j. Os Parceiros de Negócios IBM que utilizam ou disponibilizam os PEs IBM ou PEs Não IBM são independentes da IBM e determinam unilateralmente os seus preços e condições. A IBM não é responsável pelas ações, omissões, declarações ou ofertas destes. Se a IBM notificar o Cliente que o seu Parceiro de Negócios IBM atual deixará de revender um PE IBM, o Cliente poderá optar por adquirir o PE diretamente à IBM ou a outro Parceiro de Negócios IBM autorizado conforme disponível.
- k. A IBM pode oferecer PEs Não IBM, ou um PE IBM poderá permitir o acesso a um PE Não IBM, que poderá requerer a aceitação de termos de terceiros apresentados ao Cliente. A ligação a ou utilização de PEs Não IBM constituem o acordo do Cliente com tais termos de terceiros. Os termos e práticas de privacidade de terceiros regem a utilização do Conteúdo que o Cliente pode fornecer, conceder acesso a ou inserir num Serviço de Cloud Não IBM ou noutro Serviço Não IBM. A IBM não é parte de qualquer acordo de terceiros e não é responsável por PEs Não IBM. O acesso a PEs Não IBM pode

ser descontinuado em qualquer altura se a terceira entidade os descontinuar ou a IBM já não disponibilizar os referidos PEs Não IBM. A IBM poderá fornecer ao Cliente oportunidades para comunicar voluntariamente os comentários relacionados com a utilização do PE da IBM, os quais poderão ser utilizados pela IBM para qualquer finalidade.

- l. Uma pré-visualização de produto é quando a IBM disponibiliza um PE IBM ou PE Não IBM ou funcionalidade de um PE IBM ou PE Não IBM sem encargos, com funcionalidade limitada ou de pré-lançamento, ou por um tempo limitado, para experimentar a funcionalidade disponível (tal como produtos beta, versão experimental, avaliação, sem encargos ou de pré-visualização designados). Os acordos de nível de serviço definidos no Acordo (incluindo num DdT ou Anexo) que fornecem níveis de serviço não se aplicam a produtos de pré-visualização. Um produto de pré-visualização não poderá ser coberto por suporte e a IBM poderá alterar ou descontinuar um produto de pré-visualização em qualquer altura e sem aviso prévio. Para qualquer produto de pré-visualização fornecido como um pré-lançamento, a IBM não é obrigada a lançar um produto geralmente disponível. O Cliente é responsável por colocar uma encomenda sob os termos geralmente disponíveis para PEs geralmente disponíveis quando uma pré-visualização expira.
- m. Nenhuma das partes poderá ceder o presente Acordo, no todo ou em parte, sem o consentimento prévio, por escrito, da outra parte. A IBM pode ceder o seu direito a receber pagamentos sem necessidade de consentimento. A IBM permanecerá responsável pelo cumprimento das suas obrigações. As cedências pela IBM em conjunto com a venda da parte do negócio da IBM que inclui um PE IBM ou PE Não IBM não são restringidas pelo acima disposto. A IBM pode partilhar o Acordo e os documentos relacionados em conjunto com qualquer cedência.
- n. As partes autorizam a utilização de meios eletrónicos e transmissões de facsimile para comunicações como um documento assinado. Qualquer reprodução do Acordo efetuada por meios eletrónicos fiáveis é considerada um original. O Acordo substitui qualquer negociação, discussão ou declaração entre as partes. Quando seja exigida uma aceitação de aprovação, consentimento, acesso, cooperação ou ação similar de cada uma das partes, tal ação não será injustificadamente atrasada ou recusada.
- o. O presente Acordo ou qualquer transação ao abrigo do mesmo não cria qualquer direito ou causa de ação de terceiros. Nenhuma das partes irá interpor ação judicial decorrente ou relacionada com o presente Acordo decorridos mais de dois anos após a ocorrência da causa da ação. Nenhuma das partes é responsável por falha no cumprimento das suas obrigações não monetárias devido a eventos alheios ao seu controlo.
- p. A IBM pode utilizar pessoal e recursos em localizações de todo o mundo, incluindo terceiros subcontratados para prestar assistência ao fornecimento de PEs IBM e PEs Não IBM. A utilização pelo Cliente de PEs IBM ou PEs Não IBM pode resultar na transferência de Conteúdo, incluindo informação pessoal identificável, para além das fronteiras do país. A lista de países para onde o Conteúdo pode ser transferido e tratado está descrito no DdT ou conforme especificado na documentação de suporte dos Serviços. A IBM é responsável por cumprir as obrigações previstas no Acordo, inclusive no caso de a IBM utilizar um terceiro subcontratado e terá os acordos adequados em vigor para permitir à IBM cumprir as suas obrigações.
- q. Se a IBM e o Cliente concordarem em utilizar um serviço solicitado a terceiros pelo Cliente para prestar assistência nas atividades de contratação e pagamento associadas ao Acordo, a IBM concorda em receber ou submeter os documentos aplicáveis (tais como faturas ou documentos de contratação semelhantes) através do serviço de terceiros. O Cliente concorda em reembolsar a IBM por quaisquer taxas de terceiros associadas à utilização pela IBM de tais serviços de terceiros. No caso de: i) o serviço de terceiros ficar indisponível por qualquer motivo; ou ii) o terceiro fornecedor modificar o serviço ou os termos de utilização de forma que a IBM os considere comercialmente inaceitáveis, o Cliente concorda em aceitar diretamente os documentos da IBM e pagar diretamente à IBM. O Cliente permanece responsável perante a IBM pelo pagamento atempado das faturas e por quaisquer reclamações ou procedimentos relacionados com o não cumprimento das leis aplicáveis pelo fornecedor de serviço terceiro ou pela utilização, utilização indevida ou divulgação de dados ou informações confidenciais por esse fornecedor. A IBM concorda em notificar prontamente o Cliente por escrito sobre tal reclamação ou procedimento.

## 9. Licenças do Programas

- a. Os Programas IBM, disponibilizados ao abrigo deste IPAA são licenciados nos termos do Contrato de Licença Internacional para Programas (IPLA) da IBM ou um do contrato de licença IBM designado disponível em <http://www.ibm.com/terms/pla> e o documento de Informações de Licença (LI) do Programa disponível em <http://www.ibm.com/terms/?cat=software-license>. Em caso de conflito entre os termos deste IPAA, incluindo os seus Anexos e DdTs aplicáveis, e os termos do IPLA, incluindo a LI aplicável, os termos deste IPAA prevalecerão.
- b. Se o Cliente estiver insatisfeito com um Programa por qualquer motivo, o Cliente poderá cancelar a licença devolvendo o Programa e a prova de titularidade à IBM, ou ao Parceiro de Negócios IBM autorizado, no prazo de 30 dias, contados da data da primeira aquisição desse Programa para obter o reembolso do valor pago.
- c. As licenças de troca para os Programas IBM, que substituem Programas IBM com suporte ativo, ou Programas de outras marcas, podem ser adquiridas por um encargo reduzido. Quando o Cliente instala um Programa IBM de substituição, a licença do Programa IBM substituído cessa. O Cliente aceita desinstalar e destruir todas as cópias do Programa IBM ou de outra marca substituído, a menos que a licença de troca cubra a utilização continuada desse Programa substituído.

### 9.1 Licenças e Renovações de Prazo do Programa

- a. As ofertas de Programas IBM, ao abrigo dos modelos de licenciamento a termo, fornecem ao Cliente uma licença para utilização de um Programa e acesso ao S&S ou ao Suporte Sustentado, conforme o caso, pelo prazo especificado nos DT aplicáveis.
- b. Após o termo da validade do prazo da licença, a licença do Cliente para utilizar o Programa e aceder ao S&S ou ao Suporte Sustentado, conforme o caso, cessa. O Cliente tem de desinstalar e destruir todas as cópias do Programa afetado. O Cliente concorda em fornecer comprovativo do mesmo mediante pedido da IBM.

#### 9.1.1 Licenças de Subscrição

- a. O Cliente não pode cessar titularidades de utilização para a Licença de Subscrição antes do fim do termo atual.
- b. Para Programas selecionados, que o Cliente tenha licenciado anteriormente e tenham suporte ativo (Programa Qualificado), o Cliente poderá atualizar para um Programa de Atualização de Licença de Subscrição, conforme detalhado num DT. Quando uma Atualização de Licença de Subscrição é adquirida, o Cliente pode utilizar o Programa Qualificado e o Programa de Licença de Subscrição em qualquer implementação até ao número total de titularidades de utilização adquiridas para o Programa de Atualização de Licença de Subscrição.

#### 9.1.2 Licença Mensal

- a. O Cliente pode cessar um período de Licença Mensal antecipadamente, notificando a IBM por escrito com pelo menos 30 dias de antecedência. O Cliente irá receber um reembolso proporcional por quaisquer meses completos restantes num período pré-pago.

#### 9.1.3 Licença a Termo Fixo

- a. O Cliente pode cessar uma Licença a Termo Fixo antecipadamente, notificando a IBM por escrito com pelo menos 30 dias de antecedência. O Cliente irá receber um reembolso proporcional por quaisquer meses completos restantes num período pré-pago.

#### 9.1.4 Renovação de Licenças a Termo

- a. Se o Programa ainda estiver disponível e o Cliente renovar por novo período, a IBM irá renovar as titularidades de utilização da licença a expirar pelo termo e encargos de renovação especificados no DdT.
- b. Se o Cliente não proceder à renovação, o prazo da licença expira.
- c. Se o Cliente não renovar um Programa de Atualização de Licença de Assinatura, o prazo de licença do Programa de Atualização expirará. O Cliente pode continuar a utilizar o Programa Qualificado no nível da versão do Programa em utilização no fim do termo ou, se aplicável, a substituição indicada do Programa Qualificado. Se o Cliente optar por retomar uma Oferta de Suporte disponível para o

Programa Qualificado, terá de adquirir a Oferta de Suporte, ao preço então em vigor, para todas as utilizações e instalações do Programa Qualificado

- d. Se o Cliente solicitar a renovação das licenças a expirar numa quantidade menor de utilizações e instalações do Programa do que a quantidade a expirar, o Cliente tem de fornecer documentação gerada pelo sistema que comprove as utilizações e instalações atuais do Programa à IBM, conforme especificado no Acordo. Se a documentação não for recebida pela IBM pelo menos 30 dias antes da data de renovação, o Cliente tem de renovar todas as quantidades a expirar.
- e. O Cliente pode alterar a opção de renovação para uma Licença a Termo, se disponível, em qualquer altura, mediante notificação escrita à IBM, com uma antecedência de pelo menos 30 dias relativamente do termo do prazo em curso.

## **9.2 Requisitos de Virtualização e Capacidade Total**

- a. O Cliente terá de licenciar o número total de todos Núcleos de Processador Ativados físicos no ambiente de hardware físico disponibilizado ou gerido pelo PE, exceto naqueles servidores em que o PE tenha sido removido permanentemente (Capacidade Total). Um Núcleo de Processador Ativado é um núcleo de processador que está disponível para utilização num servidor físico, independentemente da capacidade do núcleo do processador poder ser ou estar limitada por tecnologias de virtualização, comandos do sistema operativo, definições de BIOS ou restrições semelhantes.

### **9.2.1 Produtos do Ambiente de Virtualização (Licenciamento de Sub-Capacidade ou Contentor)**

- a. Licenciamento de Sub-Capacidade – os PEs que cumprem os requisitos para a utilização de SubCapacidade (consulte <http://www.ibm.com/software/passportadvantage/subcaplicensing.html>) podem ser licenciados ao abrigo dos termos de Licenciamento de Sub-Capacidade (Produto de Sub-Capacidade Elegível). O Cliente tem de adquirir titularidades de utilização equivalentes à capacidade de virtualização disponível para o Produto de Sub-Capacidade Elegível.
- b. Licenciamento de Contentor – os PEs que cumprem os requisitos de utilização de Contentor (consulte <http://www.ibm.com/software/passportadvantage/containerlicenses.html>) podem ser licenciados ao abrigo dos termos de Licenciamento de Contentor (Produto de Contentor Elegível). O Cliente tem de adquirir titularidades de utilização para o número total de núcleos de processador associados à capacidade de todos os contentores disponíveis para o Produto de Contentor Elegível.
- c. O Cliente é responsável por cumprir os requisitos dos ambientes de virtualização para ser elegível para obter os benefícios de Licenciamento de Sub-Capacidade ou Licenciamento de Contentor.
- d. Antes de um aumento nos Programas de Licenciamento de Sub-Capacidade ou Contentor, o Cliente tem de adquirir, em primeiro lugar, licenças suficientes, incluindo Subscrição e Suporte de Software IBM, se aplicável, para cobrir esse aumento.
- e. Se as implementações do PE não cumprirem os requisitos de Licenciamento de Sub-Capacidade ou Licenciamento de Contentor nesta secção, o Cliente tem de licenciar para a Capacidade Total.

### **9.2.2 Responsabilidades do Relatório de Segurança do Cliente**

Adicionalmente aos termos de Verificação de Licença da Secção 4.1 e aos DT aplicáveis, aplicam-se os seguintes termos de relatório e resolução.

- a. Para os PE com Licenciamento de Sub-Capacidade e Licenciamento de Contentor, o Cliente aceita instalar, executar e manter corretamente a atualização mais recente da ferramenta de relatório de licença aplicável, no prazo de 90 dias contados da primeira implementação do Cliente e produzir um relatório. A menos que a IBM aprove uma ferramenta de relatório diferente, o Cliente concorda com as seguintes ferramentas.
  - 1) Produtos de Sub-Capacidade – O Cliente utilizará a IBM License Metric Tool (ILMT) e subscrever as notificações de suporte de ILMT em <http://www.ibm.com/support/mynotifications> e instalar prontamente quaisquer atualizações.
  - 2) Produtos de Contentor – O Cliente irá utilizar a ferramenta IBM License Service e o Cliente é responsável por configurar corretamente de acordo com a documentação do Produto de Contentor Elegível.

- b. O Cliente tem de atribuir uma pessoa na organização do Cliente com autoridade para gerir e prontamente resolver questões sobre relatórios ou inconsistências entre os conteúdos dos relatórios, titularidades de licenças e com a ferramenta de relatório de licença aplicável.
- c. Para PEs sob Licenciamento de Sub-Capacidade ou Licenciamento de Contentor, para todas as Localizações e ambientes, o Cliente tem de criar relatórios pelo menos uma vez por trimestre e manter cada relatório por um mínimo de 2 anos e fornecê-los à IBM mediante pedido. O relatório manual não é permitido para Produtos de Contentor.
- d. Para os PE serem executados com a Capacidade Total, em todas as Localizações e ambientes, o Cliente terá de: i) acompanhar manualmente ou através das ferramentas IBM disponíveis; ii) comunicar as licenças do Cliente para cada PE, no mínimo, uma vez por ano; iii) reter, durante um mínimo de 2 anos, cada relatório e os Dados de Implementação utilizados para identificar o PE implementado e a Capacidade Total relacionada dos Servidores disponibilizados ou geridos pelo PE; e iv) fornecer relatórios à IBM mediante solicitação. O formato do relatório tem de conter informações semelhantes às indicadas no relatório Cálculo Manual da Capacidade de Virtualização em: <http://www.ibm.com/software/passportadvantage/subcaplicensing.html>.
- e. Para PEs que já não cumprem os requisitos de Licenciamento de Sub-Capacidade para os quais o Cliente gostaria de continuar a licenciar sob os termos de Licenciamento de Sub-Capacidade, o Cliente irá submeter um plano de migração para cumprir os requisitos de Licenciamento de Sub-Capacidade, para revisão e aprovação da IBM. Durante qualquer migração aprovada, o Cliente manterá a versão do ILMT que deu suporte ao PE com base nos requisitos de Licenciamento de Sub-Capacidade antes de se tornar inelegível e continuar a gerar relatórios de ILMT. Com o consentimento prévio por escrito da IBM, o Cliente poderá gerir e acompanhar manualmente os referidos PEs em conformidade com o item d acima.
- f. Exceto para alterações, modificações ou atualizações aprovadas pela IBM às ferramentas de licenciamento de software, o Cliente não poderá alterar, modificar, omitir, eliminar ou deturpar por qualquer meio, direta ou indiretamente:
  - 1) quaisquer ferramentas de relatório de software aprovadas pela IBM, incluindo o respetivo código, ou qualquer relatório criado por tais ferramentas; ou
  - 2) quaisquer relatórios criados manualmente que deturpem a utilização de PEs.

### 9.2.3 Resolução de Utilização Excessiva

- a. IBM irá notificar o Cliente por escrito, se o Cliente utilizar quaisquer PEs para além da Utilização Autorizada do Cliente ou de outra forma não estiver em conformidade com o Acordo. O Cliente aceita pagar os encargos aos preços então em vigor, que a IBM especifique na fatura por: i) qualquer utilização excessiva; ii) S&S e Suporte Selecionado por essa utilização excessiva pelo período de duração dessa utilização excessiva ou dois anos consoante o prazo que seja menor; e iii) quaisquer encargos adicionais e outras responsabilidades determinadas, incluindo, entre outras, impostos, taxas alfandegárias e taxas regulamentares.

## 9.3 Categorias de Produtos CEO (Complete Enterprise Option)

- a. Uma Categoria de Produto CEO é um conjunto de componentes do PE oferecidos pela IBM na base de um Utilizador por CEO, sujeito a normas de aquisição específicas, incluindo um número mínimo inicial de utilizadores (uma Categoria de Produto CEO) descrito em <http://www.ibm.com/software/passportadvantage/ceoproductcategories.html>. Para a primeira Categoria de Produto CEO do Cliente, o Cliente terá de obter licenças para todos os utilizadores da sua Empresa, a quem tenha sido atribuída uma máquina com capacidade de copiar, utilizar ou expandir a utilização de qualquer Programa na Categoria de Produto CEO (Utilizador de CEO) e sujeito ao número mínimo de utilizadores para a encomenda inicial da categoria. Para cada Categoria de Produto CEO adicional, o Cliente tem de cumprir o requisito de quantidade de utilizadores da encomenda inicial mínima aplicável para a Categoria de Produto CEO, mas não é obrigado a adquirir licenças para todos os Utilizadores CEO.
- b. Quaisquer instalações de qualquer componente de PE de uma Categoria de Produto CEO apenas podem ser utilizadas por ou para utilizadores para os quais tenham sido obtidas licenças. Todos os

PE utilizados num dispositivo de utilizador final para aceder a um PE num servidor terão de ser adquiridos na mesma Categoria de Produto CEO do servidor a que o PE acedeu.

## 10. Aparelhos

- a. Um Appliance consiste num PE que pode ser constituído por qualquer combinação de componentes de Programa, componentes de Máquina e quaisquer componentes de Código Máquina oferecidos conjuntamente como uma oferta única e concebidos para uma função específica. Salvo especificação em contrário, os termos aplicáveis a um Programa são aplicáveis ao componente de Programa de um Appliance. O Cliente não deverá utilizar um componente independente do Appliance ao qual pertence.
- b. Um componente de Máquina é um dispositivo IBM ou não IBM, incluindo a respetiva funcionalidade, atualizações e acessórios. Um componente de Código Máquina consiste em instruções informáticas, correções, substituições e materiais relacionados, tais como dados e palavras-passe guardadas, fornecidas por, utilizadas com ou geradas por um componente de Máquina, que permitem o funcionamento dos processadores dos componentes da Máquina, armazenamento ou outras funcionalidades. O Código de Máquina pode incluir código de software licenciado sob acordo separado identificado num Outro Anexo de Código Licenciado Interno. Ao aceitar o presente IPAA, o Cliente está a aceitar também os acordos de licença de Código Máquina da IBM, fornecidos com o Appliance. Um componente de Código Máquina é licenciado apenas para utilização de modo a permitir o funcionamento de um componente de Máquina de acordo com as respetivas especificações e apenas para a capacidade e função para a qual o Cliente tenha obtido autorização escrita da IBM. A cópia do componente de Código Máquina está sujeita a direitos de autor e é licenciada.
- c. Cada Appliance é fabricado com peças que podem ser novas ou utilizadas e, em alguns casos, um Appliance ou as suas peças de substituição poderão ter sido instaladas previamente. Não obstante, aplicar-se-ão os termos de garantia da IBM.
- d. Quando o Cliente adquire um Appliance diretamente à IBM, a IBM transfere o título de um componente de Máquina para o Cliente ou, se aplicável, para o locador do Cliente, após o pagamento de todos os montantes devidos, exceto nos Estados Unidos da América onde o título é transferido após a expedição. A IBM suporta um seguro em nome do Cliente até à entrega na localização do Cliente. O Cliente deverá comunicar, por escrito, à IBM no prazo de 10 dias úteis a contar da entrega quaisquer perdas verificadas e seguir o procedimento de reclamação fornecido pela IBM. Para um upgrade adquirido para um Appliance, a IBM reserva a transferência do título do componente de Máquina até a IBM receber o pagamento de todos os montantes devidos e todas as peças removidas, as quais se tornam propriedade da IBM. A IBM não atuará como exportador ou importador de registo.
- e. Se um Appliance for configurado pela IBM (instalável pela IBM), o Cliente irá permitir a instalação até 30 dias após o envio ou poderão ser aplicáveis encargos adicionais. O Cliente instalará prontamente, ou permitirá à IBM que instale, alterações de engenharia obrigatórias. Se um Appliance for configurado pelo Cliente (instalável pelo Cliente), o Cliente irá instalar de acordo com as instruções fornecidas com o mesmo.
- f. Os componentes de hardware do aparelho removidas ou substituídas por uma atualização, serviço de garantia ou manutenção tornam-se propriedade da IBM e terão de ser devolvidas à IBM no prazo de 30 dias. A peça de substituição assume o estado de garantia ou de manutenção da peça substituída. Se o Cliente devolver um Aparelho à IBM, o Cliente removerá todas as funcionalidades não suportadas ao abrigo dos Serviços do Aparelho, apagará de forma segura todos os dados e garantirá que o Aparelho está isento de quaisquer restrições legais que possam impedir a sua devolução.

## 11. Serviços de Nuvem

- a. Os Serviços de Cloud são PEs "como um serviço" que a IBM disponibiliza e fornece através de uma rede, tal como software como um serviço, plataforma como um serviço ou infraestrutura como um serviço, ou outros serviços entregues por rede conforme especificado num DdT.
- b. Os Serviços de Cloud são concebidos para estarem disponíveis 24 horas por dia, 7 dias por semana, sujeito a manutenção. A IBM irá fornecer uma notificação prévia para a manutenção programada.
- c. Quando a IBM aceita a encomenda do Cliente, a IBM fornece ao Cliente as autorizações especificadas no DT. A IBM fornece as instalações, pessoal, equipamento, software e outros recursos necessários



para fornecer os Serviços de Nuvem. A IBM fornece manuais de utilizador e documentação geralmente disponíveis para suportar a utilização do Cliente do Serviço de Cloud da IBM.

- d. O Cliente irá fornecer hardware, software e conectividade para aceder e utilizar os Serviços de Cloud, incluindo quaisquer endereços de URL específicos do Cliente necessários, bem como certificados associados.
- e. Os utilizadores autorizados do Cliente poderão aceder aos Serviços de Cloud somente até ao número de autorizações que o Cliente adquirir. O Cliente é responsável pela utilização dos Serviços de Cloud por qualquer utilizador que aceda aos Serviços de Cloud com as credenciais da conta do Cliente.
- f. Os seguintes termos de utilização aceitável são aplicáveis à utilização do Cliente dos Serviços de Cloud. Os Serviços de Nuvem não podem ser utilizados para realizar qualquer atividade ou alojar Conteúdos que: i) seja ilegal, fraudulenta, prejudicial, maliciosa, obscena ou ofensiva; ii) ameace ou viole direitos de terceiros; iii) interrompa ou obtenha (ou pretenda interromper ou obter) acesso não autorizado a dados, serviços, redes ou ambientes informáticos internos ou externos à IBM; iv) envie mensagens não solicitadas, abusivas ou enganosas de qualquer tipo; ou v) distribua qualquer forma de software malicioso. O Cliente não pode utilizar os Serviços de Cloud para mineração de criptomoedas, salvo acordo em contrário pela IBM por escrito. O Cliente não pode: i) efetuar engenharia inversa de qualquer parte de um Serviço de Nuvem; ii) atribuir ou revender o acesso direto a um Serviço de Nuvem a uma entidade terceira externa à Empresa do Cliente; ou iii) combinar um Serviço de Nuvem com o valor acrescentado do Cliente para criar uma solução com a marca do Cliente, que o Cliente comercializa aos respetivos clientes finais, salvo acordo escrito em contrário da IBM.
- g. Os termos e condições adicionais, incluindo as condições de proteção de dados, para os Serviços de Nuvem encontram-se no documento dos Termos e Condições Gerais para Ofertas de Nuvem para os Contratos Passport Advantage em <http://www.ibm.com/terms/?id=i126-5948>. Cada Serviço de Cloud é descrito numa Descrição de Serviço e pode incluir responsabilidades adicionais do Cliente. Estes documentos podem ser visualizados em <http://www.ibm.com/terms/?cat=cloud-sd>. Os compromissos de suporte técnico e nível de serviço, a existirem, são especificados num DT.
- h. O Cliente adquire Serviços de Nuvem com base numa subscrição ou conforme especificado num DT. O Cliente pode aumentar os níveis de autorização para os Serviços de Nuvem quando fazer uma encomenda. O Cliente apenas pode diminuir os níveis de autorização do Cliente quando renovar os Serviços de Cloud.

## **12. Suporte**

O DT identificará as ofertas de suporte adquiridas, as datas de início e fim da cobertura e outras informações da transação.

- a. As Ofertas de Suporte são PE que consistem num ou na combinação de:
  - 1) A Subscrição de Software que fornece ao Cliente acesso a correções de defeitos, restrições, soluções alternativas e quaisquer novas versões, edições ou atualizações geralmente disponíveis; ou
  - 2) O Suporte de Software que fornece ao Cliente assistência a perguntas do Cliente: i) instalação e utilização de rotina e de curta duração (como fazer); e ii) relacionadas com código.
- b. O Guia de Suporte da IBM em <http://www.ibm.com/support/guide> inclui detalhes e informações adicionais sobre as ofertas de suporte da IBM. A política Software Support Lifecycle da IBM encontra-se disponível em <http://www.ibm.com/support/lifecycle>.

### **12.1 Ofertas de Suporte**

#### **12.1.1 Subscrição e Suporte de Software**

- a. A Subscrição e Suporte de Software (S&S) fornece a Subscrição de Software e o Suporte de Software.

#### **12.1.2 Serviços de Aparelho**

- a. Os Serviços de Aparelho são uma oferta que fornece a manutenção de Máquina e S&S. Os Serviços de Appliance abrangem Appliances isentos de danos e devidamente mantidos e instalados e utilizados conforme autorizado pela IBM, com as etiquetas de identificação inalteradas. Os Serviços de Aparelho



não incluem alterações, acessórios, itens de fornecimento, consumíveis (como baterias), elementos estruturais (como estruturas e coberturas), ou falhas causadas por um produto pelo qual a IBM não seja responsável.

### 12.1.3 Ofertas de Suporte Opcionais

- a. O Cliente pode adquirir ofertas de suporte opcionais, conforme descrito nos DT aplicáveis.

## 12.2 Utilização e Renovação de Ofertas de Suporte

- a. O Suporte de Software para uma versão ou edição especificada de um PE apenas está disponível até ser retirado pela IBM, altura em que, o Cliente terá de: i) atualizar para uma versão ou edição suportada do PE; ou ii) adquirir uma oferta de suporte opcional disponível para continuar a receber o Suporte de Software.
- b. Se o Cliente optar por continuar a receber os benefícios de uma Oferta de suporte para um PE numa determinada Localização, o Cliente terá de manter os direitos da oferta de suporte aplicável para todas as utilizações e instalações do PE nessa Localização. Todas as utilizações e instalações de qualquer expansão ou suplemento de Aparelho aplicado a um Aparelho também terão de ser mantidas.
- c. Se o Cliente solicitar a renovação do S&S expirado, ou conforme especificado para ofertas de suporte opcionais, numa quantidade menor de utilizações e instalações do PE do que a quantidade expirada (Renovação Parcial), o Cliente terá de fornecer a documentação gerada pelo sistema, que confirme as utilizações e instalações atuais do PE, à IBM. Para os PE ao abrigo de Licenciamento de Subcapacidade ou Licenciamento de Contentor, o Cliente terá de fornecer os relatórios da ferramenta de IBM License Service ou ILMT com as utilizações e instalações do PE relativos, no mínimo, aos últimos 90 dias anteriores à data da renovação. Se a documentação não for recebida pela IBM pelo menos 30 dias antes da data de renovação, o Cliente tem de renovar todas as quantidades a expirar.
- d. Se a cobertura do S&S ou dos Serviços de Aparelho do Cliente expirar, os benefícios do S&S ou dos Serviços do Aparelho deixarão de ser disponibilizados ao Cliente, incluindo, se aplicável, mas não se limitando, à capacidade para aceder a transferências e suportes de dados. Para reativar a cobertura, o Cliente terá de pagar qualquer taxa de reativação aplicável e adquirir o S&S ou os Serviços de Aparelho pelo preço então em vigor para todas as utilizações e instalações do PE. Para os Aparelhos, o Cliente terá de permitir que a IBM inspecione o Aparelho antes dos Serviços de Aparelho poderem ser restabelecidos e, se não estiver em condições aceitáveis, o Cliente terá de restaurar o Aparelho, de modo a que fique em condições de funcionamento aceitáveis, conforme determinado pela IBM, para receber os Serviços de Aparelho para o mesmo.
- e. A IBM utiliza informações sobre erros e problemas para melhorar os PE e os Serviços e prestar assistência com o fornecimento das ofertas de suporte conexas.

## Parte 2 – Termos e Condições Exigidos pelo País

Para os PE adquiridos nos países especificados abaixo, os termos e condições seguintes substituem ou alteram os termos e condições referenciados deste IPAA. Os termos não alterados por estas alterações permanecem inalterados e em vigor.

### AMÉRICAS

#### Secção 2. Conteúdos e Proteção de Dados

*Na segunda frase, da alínea a) e na primeira e na segunda frases da alínea b), substitua a palavra "subcontratados" por:*

**No México: fornecedores**

#### Secção 4. Encargos, Impostos, Pagamento e Verificação

*Na alínea b), substituir a primeira e a segunda frase pelo seguinte:*

**No Brasil:** O Cliente concorda em pagar todos os encargos aplicáveis para titularidades de utilização adquiridas e quaisquer encargos por utilização excessiva de autorizações e quaisquer taxas alfandegárias ou outras contribuições, impostos, comissões ou taxas exigidas por qualquer autoridade na sequência de aquisições do Cliente ao abrigo deste Acordo.

*Na alínea b):*

**No México:**

*Na terceira frase, elimine as palavras "numa conta especificada pela IBM e, se não for paga no prazo de 30 dias, poderão ser aplicáveis juros de mora." e substitua com as seguintes palavras". "e poderão ser aplicáveis juros de mora à taxa de 2%." **No México:***

*Adicionar a seguinte frase nova após a terceira frase:*

Os pagamentos serão efetuados através de transferência eletrónica de fundos para uma conta especificada pela IBM ou no domicílio da IBM, o qual está sediado em Alfonso Napoles Gandara 3111, Santa Fe Peña Blanca, Alvaro Obregon, Cidade do México, Código Postal 01210.

*Adicionar no final da alínea b) a seguinte frase:*

**No Canadá:** Sempre que os impostos tenham por base a(s) localização(ões) que recebe(m) os benefícios do Programa, o Cliente tem a obrigação permanente de notificar a IBM de tal(is) localização(ões), caso seja(m) diferente(s) do endereço comercial do Cliente apresentado no DdT aplicável.

*Adicionar no final da alínea b) a seguinte frase:*

**Nos Estados Unidos:** As partes aceitam que nenhum património pessoal tangível (p. ex., suportes digitais ou publicações) será transferido para o Cliente se: i) a IBM fornecer os Programas eletronicamente ao Cliente; ou ii) o Cliente reclamar uma isenção de imposto pela venda ou utilização para os Programas, que a IBM fornece eletronicamente ao Cliente. Sempre que os impostos tenham por base a(s) localização(ões) que recebe(m) os benefícios do Programa, o Cliente tem uma obrigação continuada de notificar a IBM dessa(s) localização(ões), caso seja(m) diferente(s) do endereço comercial do Cliente constante no DT aplicável.

## **Secção 5. Responsabilidade e Proteção da Propriedade Intelectual**

*Na última frase da alínea a) elimine a palavra:*

**No México: subcontratados**

*Inserir a seguinte exclusão de responsabilidade no final da alínea a):*

**No Peru:** Em conformidade com o Artigo 1328 do Código Civil Peruano, as presentes limitações e exceções não serão aplicáveis nos casos de violação intencional ("dolo") ou negligência grosseira ("culpa inexcusable").

## **Secção 7. Legislação Aplicável e Âmbito Geográfico**

*Substitua a alínea a), na íntegra, pelo seguinte:*

**Na Argentina:** Ambas as partes aceitam a aplicação das leis da República da Argentina, independentemente dos princípios de conflito de leis. Qualquer procedimento relativo a direitos, deveres e obrigações decorrentes do presente Contrato serão instaurados perante o Tribunal Comercial Comum da Cidade da "Ciudad Autónoma de Buenos Aires".

**No Chile:** Ambas as partes aceitam a aplicação das leis do Chile, independentemente dos princípios de conflito de leis. Qualquer conflito, interpretação ou violação relacionados com o presente Contrato, que não possa ser solucionado pelas Partes deverá ser remetido para a jurisdição dos Tribunais Comuns da cidade e distrito de Santiago.

**Na Colômbia:** Ambas as partes aceitam a aplicação das leis da República da Colômbia, independentemente dos princípios de conflito de leis. Todos os direitos, deveres e obrigações estão sujeitos aos juízes da República da Colômbia.

**No Equador:** Ambas as partes aceitam a aplicação das leis da República do Equador, independentemente dos princípios de conflito de leis. Qualquer litígio decorrente ou relacionado com o presente Contrato será submetido aos juízes cíveis de Quito e ao procedimento sumário verbal.

**No Peru:** Ambas as partes aceitam a aplicação das leis do Peru, independentemente dos princípios de conflito de leis. Qualquer discrepância que possa ocorrer entre as partes durante a execução, interpretação ou cumprimento do presente Contrato, que não possa ser resolvida diretamente, será submetida à Jurisdição e Competência dos Juízes e Tribunais do Distrito Judicial "Cercado de Lima".

**No Uruguai:** Ambas as partes aceitam a aplicação das leis do Uruguai. Qualquer discrepância que possa ocorrer entre as partes durante a execução, interpretação ou cumprimento do presente Contrato, que não seja resolvida diretamente, será submetida aos Tribunais de Montevideo ("Tribunales Ordinarios de Montevideo").

**Na Venezuela:** Ambas as partes aceitam a aplicação das leis da Venezuela, independentemente dos princípios de conflito de leis. As partes aceitam submeter, qualquer conflito existente entre as partes, relacionado com o presente Contrato, aos Tribunais da Área Metropolitana da Cidade de Caracas.

*Na alínea a), apenas na primeira frase, substituir a frase, "o país onde a transação é realizada (ou para Serviços de Cloud IBM ou Não IBM, as leis do país do endereço comercial do Cliente)" por:*

**Estados Unidos, Anguilla, Antígua e Barbuda, Bahamas, Barbados, Bermuda, Ilhas Virgens Britânicas, Ilhas Caimão, Curaçau, Dominica, Granada, Guiana, Jamaica, Monserate, Saba, Santo Eustáquio, São Cristóvão e Nevis, Santa Lúcia, Saint Maarten, São Vicente e Granadinas, Suriname, Tortola, Trindade e Tobago, e Ilhas Turcas e Caicos:** o Estado de Nova Iorque, Estados Unidos da América.

**No Canadá:** a Província de Ontário e as leis federais do Canadá aplicáveis aos mesmos.

**No México:** México

*Na alínea a), substitua a segunda frase pelo seguinte:*

**No Brasil:** Todos os conflitos decorrentes ou relacionados com este Contrato, incluindo os procedimentos sumários, serão submetidos e sujeitos à jurisdição exclusiva do Fórum da Cidade de São Paulo, Estado de São Paulo, Brasil e as partes aceitam irrevogavelmente esta jurisdição específica, com renúncia a qualquer outra, por mais privilegiada que seja.

*Na alínea b), segunda frase, substituir a frase, "o país onde a transação é realizada (ou para Serviços de Cloud IBM ou Não IBM o país do endereço comercial do Cliente) ou, se a IBM concordar, o país onde o PE IBM ou PE Não IBM é colocado em utilização produtiva" por:*

**Na Argentina:** Argentina

**No Chile:** Chile

**Na Colômbia:** Colômbia

**No Equador:** Equador

**No México:** México

**No Peru:** Peru

**No Uruguai:** Uruguai

**Na Venezuela:** Venezuela

## **Secção 8. Termos e Condições Gerais**

*Na alínea c):*

**No México:** Na primeira frase substitua a palavra "subcontratado" pela palavra "empresa" e na última frase substitua a palavra "subcontratados" pela palavra "fornecedores" *Na alínea f (primeira frase), h (segunda frase) e i (primeira frase):*

**No México.** *Substitua a palavra "subcontratados" pela palavra "fornecedores".*

*Na alínea o:*

**No Brasil:** *elimine na íntegra a segunda frase: "Nenhuma das partes intentará qualquer ação judicial decorrente ou relacionada com o Contrato, decorridos mais de dois anos sobre a ocorrência da causa de pedir".*

*Na alínea p:*

**No México:** As palavras "pessoal e" são eliminadas e a palavra "subcontratados" nas primeira e última frases é substituída por "fornecedores".

*Adicionar como uma nova alínea r a esta secção:*

**No Canadá:** Ambas as partes aceitam redigir o presente documento em Inglês. Les parties ont convenu de rédiger le présent document en langue anglaise.

### **Secção 9.1.1. Licenças de Subscrição**

*Substitua a alínea a) por:*

**Nos Estados Unidos, para Contratos Governamentais Estaduais, Locais e Educacionais (SLED):** Não é permitido um prazo superior a 12 meses. A IBM faturará a totalidade após a aceitação da encomenda do Cliente.

### **Secção 10. Aparelhos**

*Na alínea b), substituir a primeira frase pelo seguinte:*

**Na Argentina, Chile, Colômbia, Equador, Peru, Uruguai e Venezuela:** Quando a IBM aceita a encomenda do Cliente, a IBM transfere a titularidade para um componente de Máquina por tradição para o Cliente ou locador do Cliente.

### **Secção 11. Serviços de Cloud No**

**México:**

*Na alínea c), na segunda frase elimine ", pessoal".*

*Adicionar como uma nova alínea i), o seguinte:*

- i. As Partes reconhecem e concordam que, dada a sua natureza, os Serviços de Cloud não implicam a disponibilização de pessoal IBM nem de pessoal de fornecedores da IBM em benefício do Cliente, e consequentemente, os Serviços de Cloud não são considerados Serviços ou Trabalhos Especializados nos termos das Leis do Trabalho e Tributárias Correspondentes.

## **ÁSIA-PACÍFICO**

### **Preâmbulo**

**Na República Popular da China:**

*Adicione o seguinte no final do primeiro parágrafo do Preâmbulo.*

*Os Serviços de Nuvem não podem ser adquiridos ao abrigo do IPAA. Qualquer referência aos Serviços de Nuvem, incluindo a Secção 11, não é aplicável.*

### **Secção 3. Garantias**

*Adicionar no final desta secção como uma nova alínea f):*

**Na Austrália:** Estas garantias complementam quaisquer direitos sob, e apenas limitadas na medida permitida pela Lei, a Lei da Concorrência e do Consumidor de 2010.

**No Japão:** A responsabilidade da IBM está limitada a esta alínea e à secção Responsabilidade e Proteção de Propriedade Intelectual, DdT's aplicáveis como única solução do Cliente para o incumprimento das garantias especificadas nesta secção.

**Na Nova Zelândia:** Estas garantias complementam quaisquer direitos sob a Lei de Garantia do Consumidor de 1993 ou outra legislação que não possa ser limitada por lei.

### **Secção 4. Encargos, Impostos, Pagamento e Verificação**

*Na alínea b), substitua a terceira frase que começa com "Os valores são devidos após a receção..." pelas 2 frases seguintes:*

**Em Hong Kong, Indonésia, Coreia, Macau, Malásia, Filipinas, Singapura e Vietname:** Os montantes vencem-se na data de receção da fatura e devem ser pagos no prazo de 30 dias, contados da data da fatura, numa conta

indicada pela IBM. Se o pagamento não for recebido no prazo de 30 dias contados da data da fatura, a IBM poderá cobrar juros de mora, sobre o montante em dívida, calculados com base no número de dias de atraso no pagamento: i) 2% para cada período de 30 dias ou parte deste; ou ii) o montante máximo permitido pela lei aplicável, consoante o que seja menor.

**Na Tailândia:** Os montantes vencem-se na data de receção da fatura e são devidos e pagáveis no prazo de 30 dias, contados da data de emissão da fatura, numa conta especificada pela IBM. Se o pagamento não for recebido, no prazo de 30 dias contados da data da fatura, poderão ser cobrados juros de mora sobre o montante em dívida, à taxa de 1,25% ao mês, calculada em função do número de dias de atraso no pagamento.

*Substitua a alínea c), na íntegra, pelo seguinte (assegurar que a lista é corretamente reescrita para "c"):*

**Na Índia, Indonésia, Japão, Filipinas e Tailândia:**

- c. Caso o Cliente seja obrigado a pagar qualquer retenção ou dedução de imposto exigida, ao abrigo do regulamento da entidade governamental respetiva, com base no valor cobrado pela IBM para:
  - 0) uma transação transfronteiriça, o Cliente aumentará o montante a pagar no valor necessário para assegurar que a IBM recebe um montante igual à quantia que receberia se não tivessem sido feitas as retenções ou deduções. Cabe ao Cliente a responsabilidade de pagar qualquer imposto retido na fonte, diretamente à entidade governamental respetiva, quando exigido por lei.
  - 1) uma transação nacional, o Cliente: i) pagará o imposto retido diretamente à entidade governamental respetiva, quando exigido por lei; ii) fornecerá um certificado fiscal comprovando esse pagamento à IBM no período prescrito nos regulamentos relativos ao imposto sobre o rendimento; iii) pagará à IBM apenas os valores líquidos após impostos; e iv) cooperará totalmente com a IBM na obtenção de isenções ou reduções desses impostos de acordo com a lei aplicável e preencherá e submeterá prontamente todos os documentos ou declarações relevantes em tempo útil e com exatidão. O Cliente aceita compensar prontamente a IBM por qualquer valor retido ou deduzido, se o Cliente se atrasar no fornecimento à IBM, ou se submeter comprovativos fiscais, documentos ou declarações incorretamente.

## **Secção 5. Responsabilidade e Proteção da Propriedade Intelectual**

*Na alínea a), adicionar o seguinte no fim da primeira frase:*

**Na Austrália:** (por exemplo, quer seja baseado em contrato, delito, negligência, ao abrigo do estatuto ou qualquer outra forma)

*Na alínea a), na segunda frase após a palavra "especial" e antes da palavra "incidental," adicionar o seguinte:*

**Nas Filipinas:** (incluindo danos nominais e exemplares), morais,

*Adicionar como uma nova alínea após o fim da alínea a (e assegurar que as letras das alíneas são devidamente ordenadas):*

**Na Austrália:** Quando a IBM se encontrar em incumprimento de uma garantia implícita na Lei da Concorrência e do Consumidor de 2010, a responsabilidade da IBM está limitada à reparação ou substituição de bens ou ao fornecimento de bens equivalentes, ou ao pagamento do custo de substituição dos bens ou da reparação dos mesmos. Quando uma garantia estiver relacionada com o direito de venda, posse, ou título desonerado, ao abrigo do segundo anexo da Lei da Concorrência e do Consumidor, nenhuma destas limitações se aplica.

## **Secção 6. Cessação**

*Adicionar no final da secção como uma nova alínea d:*

**Na Indonésia:** As partes renunciam ao artigo 1266 do Código Civil Indonésio na medida que exige um decreto judicial para a cessação de um acordo que cria obrigações mútuas.

## **Secção 7. Legislação Aplicável e Âmbito Geográfico**

*Na alínea a), apenas na primeira frase, substituir a frase, "o país onde a transação é realizada (ou para Serviços de Cloud IBM ou Não IBM, as leis do país do endereço comercial do Cliente)" por:*

**No Camboja, Laos:** o Estado de Nova Iorque, Estados Unidos da América

**Na Austrália:** o Estado ou Território no qual a transação é efetuada

**Em Hong Kong:** a Região Administrativa Especial de Hong Kong da República Popular da China

**Na Coreia:** a República da Coreia

**Em Macau:** a Região Administrativa Especial de Hong Kong da República Popular da China

**Na República Popular da China:** a República Popular da China

**Em Taiwan:** Taiwan

**Na Índia:** Índia

*Na alínea a), substitua a segunda frase pelo seguinte:*

**No Camboja, Laos, Filipinas e Sri Lanka:** Os litígios serão resolvidos, em última instância, por arbitragem em Singapura, em conformidade com as Regras de Arbitragem do Centro Internacional de Arbitragem de Singapura ("Regras do SIAC").

**Na Índia:** Os litígios serão resolvidos, em última instância, em conformidade com a Lei de Conciliação e Arbitragem de 1996, então em vigor, em Inglês, com sede em Bangalore, Índia. Deverá existir um árbitro se o montante disputado for inferior ou igual a 50 milhões de rupias indianas e três árbitros, se o montante for superior a este valor. Quando um árbitro for substituído, os procedimentos continuarão a partir da etapa em que se encontravam quando ocorreu a vacatura do cargo.

**Na Indonésia:** Os litígios serão resolvidos, em última instância, por arbitragem em Jacarta, Indonésia, administrada pelo Conselho Nacional de Arbitragem da Indonésia estabelecido no ano de 1977 ("Badan Arbitrase Nasional Indonesia" ou "BANI") em conformidade com as regras do Conselho Nacional de Arbitragem da Indonésia. A sentença arbitral será definitiva e vinculativa para as partes, não admite recurso e deve ser efetuada por escrito e descrever as constatações dos factos e a conclusão de jurisprudência.

**Na Coreia:** Qualquer litígio será apresentado perante o Tribunal Distrital Central de Seul da República da Coreia.

**Na República Popular da China:** Qualquer litígio será apresentado perante a Comissão de Arbitragem Económica e Comercial Internacional da China em Pequim, na RPC, para arbitragem. As partes concordam na utilização de três árbitros para resolver qualquer litígio.

**No Vietname:** Os litígios serão resolvidos, em última instância, por arbitragem no Vietname, em conformidade com as Normas de Arbitragem do Centro Internacional de Arbitragem do Vietname ("Regras do VIAC"). Todos os procedimentos e documentos serão apresentados em língua inglesa.

*Substitua a alínea b), na íntegra, pelo seguinte:*

**Em Hong Kong:** Os direitos e obrigações de cada uma das partes apenas são válidos na Região Administrativa Especial de Hong Kong da República Popular da China, exceto que todas as licenças são válidas conforme especificamente concedidas.

**Em Macau:** Os direitos e obrigações de cada uma das partes apenas são válidos na Região Administrativa Especial de Macau da República Popular da China, exceto que todas as licenças são válidas conforme especificamente concedidas.

**Em Taiwan:** Os direitos e obrigações de cada uma das entidades apenas são válidos em Taiwan, exceto para todas as licenças que são válidas conforme especificamente concedidas.

*Na alínea c), na primeira frase, item ii), após a palavra "incluindo" e antes das palavras "a defesa", adicionar: No*

**Japão:** as leis do Japão e

*Na alínea c), substitua a última frase por:*

Na República Popular da China: a IBM não irá atuar como exportador ou importador do Cliente, exceto nos termos do exigido pelas leis de proteção de dados, para quaisquer Conteúdos.

## **Secção 8. Termos e Condições Gerais**

*Na alínea o), na segunda frase, substituir a frase "dois anos" por:*

**Na Índia:** três anos

*Adicionar no fim desta secção a seguinte nova alínea r):*

**Na Indonésia:** O presente Contrato é redigido com versões em Inglês e Indonésio Bahasa. Na medida do permitido pela lei aplicável, a versão em língua inglesa prevalecerá em caso de conflito entre as referidas versões.



## EUROPA, MÉDIO ORIENTE E ÁFRICA

### Secção 3. Garantias

*Na alínea e), substituir a quarta frase que começa com "Os PEs Não IBM...", e antes da última frase existente, pelas seguintes duas frases:*

**Na República Checa, Estónia e Lituânia:** Os PE de outras marcas e os produtos de pré-visualização, ou os PE IBM não garantidos identificados são fornecidos no estado em que se encontram, sem garantias de qualquer tipo ou responsabilidade por defeitos. As partes excluem, por este meio, qualquer responsabilidade da IBM por defeitos para além das garantias acordadas.

### Secção 4. Encargos, Impostos, Pagamento e Verificação

*Na alínea b, adicionar o seguinte no fim da terceira frase:*

**Na Itália:** se a IBM solicitar numa notificação por escrito ao Cliente.

**Na Ucrânia:**, sobre o montante vencido desde o dia seguinte à data de vencimento até à data do pagamento efetivo, proporcionalmente para cada dia de mora, à taxa de juro do dobro da taxa de desconto determinada pelo Banco Nacional da Ucrânia (NBU) durante o período de mora (o parágrafo 6 do artigo 232º do Código Comercial da Ucrânia não é aplicável).

*Na alínea b), substituir a terceira frase pelo seguinte:*

**Na França:** Os montantes vencem e têm de ser pagos no prazo de 10 dias a contar da data da fatura para uma conta especificada pela IBM e poderão ser aplicáveis juros de mora à taxa mais recente do Banco Central Europeu acrescida de 10 pontos, adicionalmente aos custos de cobrança de dívida de quarenta (40) euros ou, se estes custos ultrapassarem quarenta euros, indemnização complementar sujeita a justificação do montante reclamado).

*Na alínea b), adicionar o seguinte no fim da sexta frase que começa com "A IBM não concede créditos...":* **Na Lituânia:**, ou exceto conforme previsto pela lei

*No fim da alínea b, adicionar o seguinte:*

**Na Itália:** No caso de não pagamento ou pagamento parcial e também no seguimento de um procedimento formal de reclamação de crédito ou julgamento eventualmente iniciado por parte da IBM, em derrogação do artigo 4 Decreto Legislativo n.º 231 de 9 de outubro de 2002, e, de acordo com o artigo 7, do mesmo Decreto Legislativo, a IBM notificará o Cliente por escrito, em correio registado com aviso de receção do atraso indevido no pagamento.

*Substitua q alínea c), na íntegra, pelo seguinte:*

**Em Angola, Egito, Marrocos, Gana, Quénia, Nigéria, Paquistão, Senegal e Tunísia:**

- c. Caso o Cliente seja obrigado a pagar qualquer retenção ou dedução de imposto exigida, ao abrigo do regulamento da entidade governamental respetiva, com base no valor cobrado pela IBM para:
- 1) uma transação transfronteiriça, o Cliente aumentará o montante a pagar no valor necessário para assegurar que a IBM recebe um montante igual à quantia que receberia se não tivessem sido feitas as retenções ou deduções. Cabe ao Cliente a responsabilidade de pagar qualquer imposto retido na fonte, diretamente à entidade governamental respetiva, quando exigido por lei.
  - 2) transação nacional, o Cliente: i) pagará o imposto retido diretamente à entidade governamental respetiva, quando exigido por lei; ii) fornecerá um certificado fiscal a comprovar esse pagamento à IBM no prazo prescrito nos regulamentos relativos ao imposto sobre o rendimento; iii) pagará à IBM apenas os valores líquidos após impostos; e iv) cooperará inteiramente com a IBM na obtenção de isenções ou reduções desses impostos de acordo com a lei aplicável e preencherá e submeterá todos os documentos ou declarações relevantes em tempo útil e com exatidão. O Cliente aceita compensar prontamente a IBM, por qualquer valor retido ou deduzido, se o Cliente se atrasar a fornecer à IBM, ou submeter comprovativos fiscais, documentos ou declarações incorretamente.

## Secção 5. Responsabilidade e Proteção da Propriedade Intelectual

*Na alínea a, na primeira frase inserir o seguinte antes das palavras "os montantes pagos":*

**Na Bélgica, França, Alemanha, Itália, Luxemburgo, Malta, Portugal e Espanha:** ao maior de 500 000€ (quinhentos mil euros) ou

**Na Irlanda e Reino Unido:** 125% de

*Na alínea a, na primeira frase, substituir a expressão "danos diretos incorridos pelo Cliente" por:*

**Em Espanha:** e danos comprovados incorridos pelo Cliente em consequência direta do incumprimento da IBM

*Na alínea a), inserir após a primeira frase a seguinte frase nova:*

**Na Eslováquia:** Em referência ao § 379 do Código Comercial, Lei N.º 513/1991. com as alterações que lhe tenham sido introduzidas, e relativamente a todas as condições relacionadas com a conclusão do contrato, ambas as partes declaram que os danos previsíveis totais, que possam advir, não excederão o montante acima e este é o montante máximo pelo qual a IBM se responsabiliza.

*Na alínea a, na segunda frase, eliminar a palavra:*

**Na Irlanda e Reino Unido:** económico

*Na alínea a, substituir a segunda frase pelo seguinte e colocar o texto a negrito:*

**Na Bélgica, Holanda e Luxemburgo:** A IBM não será responsável por danos consequenciais, perda de lucros, negócio, valor, receitas, clientela ou poupanças previstas e queixas de terceiros contra o Cliente, bem como perda de (ou dano a) dados.

**Em França:** A IBM não será responsável por danos na reputação, danos indiretos, ou por perda de lucros, negócio, valor, receitas, clientela ou poupanças previstas.

**Em Portugal:** A IBM não será responsável por danos indiretos, incluindo lucros cessantes.

**Em Espanha:** A IBM não será responsável por danos na reputação, perda de lucros, negócio, valor, receitas, clientela ou poupanças previstas.

*Adicionar a seguinte frase nova no fim da alínea a):*

**Em França:** Os termos do Acordo, incluindo os termos financeiros, foram estabelecidos em consideração desta cláusula, a qual é uma parte integrante da economia geral do Acordo.

*Na alínea b), substituir "e ii) danos que não possam ser limitados nos termos da legislação aplicável" pelo seguinte:*

**Na Alemanha:** ; ii) danos por lesões corporais (incluindo morte); iii) perda ou dano causado por uma violação de garantia assumida pela IBM relacionada com qualquer transação ao abrigo deste Acordo; e iv) causados intencionalmente ou por negligência grosseira.

## Secção 6. Cessação

*Na alínea a), inserir a seguinte frase nova no fim da alínea a):*

**Nos Países Baixos:** As partes prescindem dos seus direitos, descritos no Título 7.1 ("Koop") e na cláusula 7:401 e 402 do Código Civil Neerlandês e os respetivos direitos de invocar a dissolução total ou parcial ("gehele of partiele ontbinding") do presente Acordo ao abrigo da secção 6:265 do Código Civil Neerlandês

## Secção 7. Legislação Aplicável e Âmbito Geográfico

*Na alínea a), apenas na primeira frase, substituir a frase "o país onde a transação é realizada (ou para Serviços de Cloud IBM ou Não IBM, as leis do país do endereço comercial do Cliente)" por:*

**Albânia, Arménia, Azerbaijão, Bielorrússia, Bósnia-Herzegovina, Bulgária, Croácia, Antiga República Jugoslava da Macedónia, Geórgia, Hungria, Cazaquistão, Quirguistão, Moldávia, Montenegro, Roménia, Sérvia, Tajiquistão, Turquemenistão, Ucrânia e Usbequistão:** Áustria

**Na Estónia, Letónia e Lituânia:** Finlândia

**Argélia, Andorra, Benim, Burkina Faso, Burúndi, Camarões, Cabo Verde, República Centro-Africana, Chade, Comores, República do Congo, Jibuti, República Democrática do Congo, Guiné Equatorial, Guiana Francesa, Polinésia Francesa, Gabão, Guiné, Guiné-Bissau, Costa do Marfim, Líbano,**



**Madagáscar, Mali, Mauritânia, Maurícia, Mayotte, Marrocos, Nova Caledónia, Níger, Reunião, Senegal, Seicheles, Togo, Tunísia, Vanuatu e Wallis e Futuna:** França

**Angola, Barém, Botsuana, Egito, Eritreia, Etiópia, Gâmbia, Gana, Jordânia, Quênia, Kuwait, Libéria, Malawi, Malta, Moçambique, Nigéria, Omã, Paquistão, Catar, Ruanda, São Tomé e Príncipe, Arábia Saudita, Serra Leoa, Somália, Tanzânia, Uganda, Emirados Árabes Unidos, Faixa de Gaza, Iémen, Zâmbia e Zimbabué:** Inglaterra **No Liechtenstein:** Suíça

**Na África do Sul, Namíbia, Lesoto e Suazilândia:** a República da África do Sul

**No Reino Unido:** Inglaterra

*Na alínea a), adicionar a seguinte frase nova após a primeira frase:*

**Em França:** As Partes concordam que os artigos 1222 e 1223 do Código Civil Francês não são aplicáveis.

*Na alínea a), substitua a segunda frase, na íntegra, pelo seguinte:*

**Na Albânia, Arménia, Azerbaijão, Bielorrússia, Bósnia-Herzegovina, Bulgária, Croácia, Antiga República da Jugoslávia, República da Macedónia, Geórgia, Hungria, Cazaquistão, Kosovo, Quirguistão, Moldávia, Montenegro, Roménia, Sérvia, Tajiquistão, Turcomenistão, Ucrânia e Usbequistão:** Todos os litígios, decorrentes do presente Contrato, serão resolvidos, em última instância, pelo Centro Arbitral Internacional da Câmara Económica Federal da Áustria (Organismo de Arbitragem), em conformidade com as Normas de Arbitragem desse Centro Arbitral (Normas de Viena), em Viena, Áustria, com o inglês como idioma oficial, por três árbitros imparciais nomeados em conformidade com as Normas de Viena.

Cada uma das partes nomeará um árbitro e, em conjunto, nomearão um presidente independente no prazo de 30 dias. Caso contrário, o presidente será nomeado pelo Organismo de Arbitragem em conformidade com as Regras de Viena. Os árbitros não terão qualquer autoridade para conceder medidas ou indemnizações injuntivas excluídas por ou que excedam os limites do presente Acordo. Nenhuma disposição do presente Acordo impedirá qualquer uma das partes de recorrer a procedimentos judiciais para (1) obter medidas provisórias no sentido de impedir danos materiais ou uma violação de disposições de confidencialidade ou direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de autor, patentes ou marcas comerciais propriedade ou reivindicados por uma parte ou pela respetiva Empresa, ou (3) cobrança de dívidas em montantes inferiores a 500 000,00 USD.

**Na Estónia, Letónia e Lituânia:** Todos os litígios emergentes do presente Contrato serão resolvidos, em última instância, pelo Instituto de Arbitragem da Câmara de Comércio da Finlândia (FAI) (Organismo de Arbitragem), em conformidade com as Normas de Arbitragem da Câmara de Comércio da Finlândia (Normas), em Helsínquia, Finlândia, com o inglês como idioma oficial, por três árbitros imparciais nomeados em conformidade com essas Normas. Cada uma das partes nomeará um árbitro, que, em conjunto, nomearão um presidente independente no prazo de 30 dias. Caso contrário, o presidente será nomeado pelo Organismo de Arbitragem em conformidade com as Regras. Os árbitros não terão qualquer autoridade para conceder medidas ou indemnizações injuntivas excluídas por ou que excedam os limites do presente Acordo. Nenhuma disposição do presente Contrato impede qualquer das partes de recorrer a processos judiciais para (1) obter medidas provisórias no sentido de impedir prejuízos materiais ou uma violação de disposições de confidencialidade ou dos direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de autor, patentes ou marcas comerciais detidos ou reivindicados por uma parte ou pela respetiva Empresa, ou (3) cobrança de dívidas com montantes inferiores a 500 000,00 USD.

**No Afeganistão, Angola, Barém, Botsuana, Burundi, Cabo Verde, Jibuti, Egito, Eritreia, Etiópia, Gâmbia, Gana, Iraque, Jordânia, Quênia, Kuwait, Líbano, Libéria, Líbia, Madagáscar, Maláui, Moçambique, Nigéria, Omã, Paquistão, Território Palestino, Catar, Ruanda, São Tomé e Príncipe, Arábia Saudita, Seychelles, Serra Leoa, Somália, Sudão do Sul, Tanzânia, Uganda, Emirados Árabes Unidos, Saara Ocidental, Iémen, Zâmbia e Zimbabué:** Todos os litígios decorrentes do presente Contrato serão resolvidos, em última instância, pelo Tribunal Arbitral Internacional de Londres (LCIA) (Organismo de Arbitragem), em conformidade com as Normas de Arbitragem do LCIA (as Normas), em Londres, Reino Unido, com o inglês como idioma oficial, por três árbitros imparciais nomeados em conformidade com as Normas. Cada uma das partes nomeará um árbitro, que, em conjunto, nomearão um presidente independente no prazo de 30 dias. Caso contrário, o presidente será nomeado pelo Organismo de Arbitragem em conformidade com as Regras. Os árbitros não terão qualquer autoridade para conceder medidas ou indemnizações injuntivas excluídas por ou que excedam os limites do presente Acordo. Nenhuma disposição do presente Contrato impede qualquer das partes de recorrer a processos judiciais para (1) obter medidas provisórias no sentido de impedir prejuízos materiais ou uma violação de

disposições de confidencialidade ou dos direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de autor, patentes ou marcas comerciais detidos ou reivindicados por uma parte ou pela respetiva Empresa, ou (3) cobrança de dívidas com montantes inferiores a 500 000,00 USD.

**Na Argélia, Benim, Burquina Faso, Camarões, República Centro-Africana, Chade, República do Congo, República Democrática do Congo, Guiné Equatorial, Guiana Francesa, Polinésia Francesa, Gabão, Guiné, Guiné-Bissau, Costa do Marfim, Mali, Mauritânia, Maurícias, Marrocos, Níger, Senegal, Togo e Tunísia:**

Todos os litígios decorrentes do presente Contrato serão resolvidos, em última instância, pelo Tribunal Arbitral Internacional da CCI, em Paris (Organismo de Arbitragem), em conformidade com as respetivas normas de arbitragem (as Normas), em Paris, França, com o francês como idioma oficial, por três árbitros imparciais nomeados em conformidade com as Normas. Cada uma das partes nomeará um árbitro, que, em conjunto, nomearão um presidente independente no prazo de 30 dias. Caso contrário, o presidente será nomeado pelo Organismo de Arbitragem em conformidade com as Regras. Os árbitros não terão qualquer autoridade para conceder medidas ou indemnizações injuntivas excluídas por ou que excedam os limites do presente Acordo. Nenhuma disposição do presente Contrato impede qualquer uma das partes de recorrer a processos judiciais para (1) obter medidas provisórias no sentido de impedir prejuízos materiais ou uma violação de disposições de confidencialidade ou dos direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de autor, patentes ou marcas comerciais detidas ou reivindicados por uma parte ou pela respetiva Empresa, ou (3) cobrança de dívidas com montantes inferiores a 250 000,00 USD.

**Na África do Sul, Namíbia, Lesoto e Suazilândia:** Todos os litígios decorrentes do presente Acordo serão resolvidos, em última instância, pela Fundação Arbitral da África Austral (AFSA) (Organismo de Arbitragem), em conformidade com as Normas de Arbitragem da AFSA (as Normas), em Joanesburgo, África do Sul, com o inglês como idioma oficial, por três árbitros imparciais nomeados em conformidade com as Normas. Cada uma das partes nomeará um árbitro, que, em conjunto, nomearão um presidente independente no prazo de 30 dias. Caso contrário, o presidente será nomeado pelo Organismo de Arbitragem em conformidade com as Regras. Os árbitros não terão qualquer autoridade para conceder medidas ou indemnizações injuntivas excluídas por ou que excedam os limites do presente Acordo. Nenhuma disposição do presente Contrato impede qualquer uma das partes de recorrer a processos judiciais para (1) obter medidas provisórias no sentido de impedir prejuízos materiais ou uma violação de disposições de confidencialidade ou dos direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de autor, patentes ou marcas comerciais detidas ou reivindicados por uma parte ou pela respetiva Empresa, ou (3) cobrança de dívidas com montantes inferiores a 250 000,00 USD.

**Em Andorra, Áustria, Chipre, França, Alemanha, Grécia, Israel, Itália, Portugal, Espanha, Suíça e Turquia:** Todos os litígios serão apresentados e estarão sujeitos à jurisdição exclusiva dos seguintes tribunais de jurisdição competente:

**Em Andorra:** o Tribunal Comercial de Paris.

**Na Áustria:** o tribunal de Viena, Áustria (Cidade Interna).

**No Chipre:** o tribunal competente de Nicósia.

**Em França:** Tribunal Comercial de Paris.

**Na Alemanha:** os tribunais de Estugarda.

**Na Grécia:** o tribunal competente de Atenas.

**Em Israel:** os tribunais de Tel Aviv-Jaffa.

**Em Itália:** os tribunais de Milão.

**Em Portugal:** os tribunais de Lisboa.

**Em Espanha:** os tribunais de Madrid.

**Na Suíça:** o tribunal comercial do cantão de Zurique.

**Na Turquia:** os Tribunais Centrais de Istambul (Çağlayan) e os Diretorados de Execução de Istambul, a República da Turquia.

**Nos Países Baixos:** As partes prescindem dos seus direitos descritos no Título 7.1 ("Koop") e na cláusula 7:401 e 402 do Código Civil Neerlandês e dos respetivos direitos de invocar a cessação no todo ou em parte ("gehele of partiele ontbinding") do presente Contrato, ao abrigo da secção 6:265 do Código Civil Neerlandês.

*Adicione o seguinte como uma alínea e) adicional:*

**Em todos os países da Europa Ocidental (ver definição na disposição):** O Cliente aceita i) não utilizar, vender, exportar ou reexportar, direta ou indiretamente, para a Federação Russa, quaisquer Produtos IBM ou Produtos de outras marcas, que o Cliente adquira à IBM; e ii) proibir os funcionários, subcontratados ou afiliados do Cliente de praticar qualquer um dos atos acima e implementar processos para monitorizar a conformidade. O não cumprimento do acima disposto é considerado uma violação material. O Cliente aceita informar prontamente a IBM de quaisquer atividades relativas à conformidade e fornecer informações relevantes mediante solicitação da IBM. Para efeitos da presente alínea, Europa Ocidental significa os países membros da União Europeia e Andorra, Islândia, Liechtenstein, Mónaco, Noruega, São Marino, Suíça, Reino Unido e o Estado do Vaticano.

## **Secção 8. Termos e Condições Gerais**

*Na alínea i, inserir o seguinte no fim da alínea:*

**Em Espanha:** A IBM cumprirá com os pedidos para avaliar, atualizar ou eliminar as informações de contactos se forem submetidos para o seguinte endereço: IBM, c/ Santa Hortensia 26-28, 28002 Madrid, Departamento de Privacidad de Datos.

*Na alínea o, adicionar no fim da alínea:*

**Na República Checa:** Nos termos da Secção 1801 do Artigo N.º 89/2012 (o "Código Civil"), a Secção 1799 e a Secção 1800 do Código Civil, na redação em vigor, não se aplicam a transações nos termos do Acordo. O Cliente aceita o risco de uma alteração de circunstâncias nos termos da Secção 1765 do Código Civil.

*Na alínea o), elimine a segunda frase:*

**Na Bulgária, Croácia, Sérvia e Eslovénia:** Elimine a segunda frase que menciona "Nenhuma das partes tentará uma ação judicial decorrente ou relacionada com o Contrato decorridos mais de dois anos sobre a ocorrência da causa de pedir".

*Na alínea o, adicionar o seguinte no final da segunda frase:*

**Na Lituânia:**, exceto conforme previsto pela lei

*Na alínea o, substituir a segunda frase por:*

**Na Polónia:** Nenhuma das partes irá interpor ação judicial decorrente ou relacionada com o presente Acordo decorridos mais de três anos após a ocorrência da causa da ação, exceto para uma ação de não pagamento que será intentada não mais do que 2 anos após o vencimento do pagamento.

*Na alínea o, segunda frase, substituir a palavra "dois" por:*

**Na Letónia e na Ucrânia:** três

**Na Eslováquia:** quatro

*Na alínea o, terceira frase, modificar a frase: "Nenhuma das partes é responsável por falha no cumprimento das suas obrigações não monetárias devido a eventos alheios ao seu controlo" como se segue:*

**Na Ucrânia:** Nenhuma das partes é responsável por falha no cumprimento das suas obrigações não monetárias devido a eventos ou alterações regulamentares alheios ao seu controlo, incluindo, mas não se limitando, a requisitos de importação, exportação e sanções económicas dos Estados Unidos.

*Adicionar o seguinte no fim da secção como uma nova alínea r):*

**Na República Checa:**

- r. O Cliente aceita expressamente os termos deste acordo que incluem os seguintes termos comerciais importantes: i) limitação e exclusão de responsabilidade por defeitos (Garantias); ii) direito da IBM de verificar os dados de utilização e outras informações do Cliente que afetam o cálculo de encargos (Verificação de Licença), iii) limitação do direito do Cliente a danos (Responsabilidade e Proteção da Propriedade Intelectual); iv) natureza vinculativa dos regulamentos de exportação e importação (Leis Aplicáveis e Âmbito Geográfico); v) períodos de limitação mais curtos (Termos Gerais); vi) exclusão de aplicabilidade das disposições nos contratos de adesão (Termos Gerais); e vii) aceitação do risco de uma alteração de circunstâncias (Termos Gerais).

**Na Hungria:**

- r. Ao celebrar este Acordo, o Cliente confirma que foi suficientemente informado de todas as disposições deste Acordo e teve a oportunidade de negociar esses termos. As seguintes disposições podem divergir significativamente das disposições geralmente aplicadas pela lei Húngara e ambas as partes aceitam essas disposições ao assinar o Acordo: Aceitação do IPPA; Conteúdo e Proteção de Dados; Garantias; Encargos, Impostos, Pagamento e Verificação; Responsabilidade e Proteção à Propriedade Intelectual; Cessação; Leis Aplicáveis e Âmbito Geográfico; Termos Gerais, Licença do Programa; Licenças a Termo e Renovação; Capacidade Total e Requisitos de Virtualização; Suporte Selecionado, Categorias de Produto CEO (Complete Enterprise Option); Appliances; e Serviços de Cloud.

**Em Itália:**

- r. Nos termos do art. 1341 e 1342 do Código Civil Italiano, o Cliente aceita expressamente os seguintes artigos do presente Acordo: Aceitação de IPPA; Conteúdo e Proteção de Dados; Garantias; Encargos, Impostos, Pagamento e Verificação, incluindo Verificação de Licença e Preço por Volume; Responsabilidade e Proteção à Propriedade Intelectual; Cessação; Leis Aplicáveis e Âmbito Geográfico; Termos gerais; Licença do Programa, incluindo Subscrição e Suporte de Software IBM; Licenças a Termo e Renovação, incluindo Licença de Subscrição, Licença Mensal, Licença a Termo Fixo e Renovação de Licença a Termo; Capacidade Total e Requisitos de Virtualização, incluindo PEs num Ambiente de Virtualização (Licenciamento de Sub-Capacidade ou Contentor), Licenciamento de Sub-Capacidade, Licenciamento de Contentor, Responsabilidades de Relatórios do Cliente e Resolução de Utilização Excessiva; Suporte Selecionado; Categorias de Produto CEO (Complete Enterprise Option); Appliances, incluindo Serviços de Appliance; e Serviços de Cloud.

**Na Roménia:**

- r. O Cliente aceita expressamente as seguintes cláusulas-tipo que poderão ser consideradas "cláusulas fora do comum" conforme as disposições do artigo 1203 do Código Civil Romeno: cláusulas 3, 4, 5, 7 e 8n. O Cliente confirma que recebeu informação suficiente relativamente a todas as disposições do presente Acordo, incluindo as cláusulas supramencionadas, analisou e compreendeu tais disposições e teve oportunidade de negociar os termos de cada cláusula.

**Secção 10. Aparelhos**

*Na alínea d, na primeira frase, adicionar todos os países listados a seguir após "Estados Unidos da América":*

**Em Portugal, Espanha, Suíça e Turquia:** , Portugal, Espanha, Suíça e Turquia,

### Parte 1 - Termos Gerais

**AO FAZER DOWNLOAD, INSTALAR, COPIAR, ACESSAR, CLICAR NO BOTÃO "ACEITAR" OU USAR O PROGRAMA DE ALGUMA OUTRA FORMA, O LICENCIADO CONCORDA COM OS TERMOS DESTES CONTRATO. SE ESTIVER ACEITANDO ESTES TERMOS EM NOME DO LICENCIADO, VOCÊ DECLARA QUE TEM PODERES PLENOS PARA VINCULAR O LICENCIADO A ESTES TERMOS.**

**CASO O CLIENTE NÃO CONCORDE COM ESTES TERMOS OU NÃO TENHA AUTORIDADE: i) NÃO DEVERÁ FAZER DOWNLOAD, INSTALAR, COPIAR, ACESSAR, CLICAR EM UM BOTÃO "ACEITAR" OU USAR O PROGRAMA; E ii) DEVERÁ DEVOLVER IMEDIATAMENTE A MÍDIA, DOCUMENTAÇÃO E PROVA DE TITULARIDADE NÃO UTILIZADAS À PARTE DE QUEM AS OBTIVE PARA RECEBER UM REEMBOLSO DA QUANTIA PAGA. SE O PROGRAMA TIVER SIDO TRANSFERIDO POR DOWNLOAD, O LICENCIADO DEVERÁ DESTRUIR TODAS AS CÓPIAS DO PROGRAMA.**

Este Contrato Internacional de Licença de Programa (IPLA) e os Documentos de Transação aplicáveis (juntos, o "Contrato") são o contrato completo entre o Licenciado e a IBM com relação ao uso de um Programa. Os termos requeridos pelo país e incluídos na Parte 2 deste IPLA substituem ou modificam os termos da Parte 1.

Os Documentos da Transação (TDs) fornecem uma descrição, as informações e os termos referentes ao Programa e ao seu uso autorizado. Exemplos de TDs para Programas incluem informações de licença (LI), especificações de programa licenciado (LPS), cotação, prova de titularidade (PoE) ou fatura. Caso haja qualquer conflito, o TD prevalecerá sobre o Contrato Internacional de Licença de Programa "IPLA".

### 1. Licença do Programa

- a. Um Programa é um programa de computador executável da marca IBM e seu material relacionado e inclui cópias totais e parciais. Os detalhes do Programa estão descritos em um TD disponível em <http://www.ibm.com/software/sla> (para Programas Passport Advantage) ou <http://www.ibm.com/support/knowledgecenter> (para outros Programas da IBM), no diretório de comando do sistema do Programa ou conforme especificado de outra forma pela IBM. As políticas de software IBM (tais como backup, uso provisório e ambiente de nuvem aprovado pela IBM) disponíveis em <http://www.ibm.com/softwarepolicies> se aplicam ao uso de Programas pelo Licenciado.
- b. As cópias de Programas são protegidas por direitos autorais e licenciadas.
- c. O Licenciado recebe a concessão de uma licença não exclusiva para:
  - (1) utilizar cada cópia de um Programa, sujeito aos termos do Contrato e até a quantidade de titularidades de licença adquirida pelo Licenciado ("Uso Autorizado"); (2) fazer e instalar cópias para o suporte de tal Uso Autorizado; e
  - (3) fazer uma cópia de backup.
- d. Os Programas podem ser utilizados pelo Licenciado, seus funcionários e contratados. O Licenciado não pode alugar ou arrendar um Programa, nem fornecer serviços de TI comercial, hospedagem ou compartilhamento de tempo para terceiros. Direitos adicionais podem estar disponíveis por encargos adicionais ou sob termos diferentes.
- e. A licença concedida para um Programa está sujeita à realização das ações a seguir por parte do Licenciado:
  - (1) reproduzir avisos de direitos autorais e outras marcações em qualquer cópia;
  - (2) assegurar que qualquer pessoa que use o Programa: i) o faça somente em nome do Licenciado de acordo com o Uso Autorizado do Licenciado e ii) obedeça a este Contrato;
  - (3) não executar montagem reversa, compilação reversa, tradução ou engenharia reversa do Programa, exceto conforme expressamente permitido pela lei, sem a possibilidade de renúncia contratual; e
  - (4) não utilizar nenhum dos elementos do Programa ou dos respectivos materiais licenciados separadamente do Programa.
- f. Se o TD para um Programa ("Programa Principal") declarar que há um "Programa de Apoio" incluído no Programa Principal, o Licenciado poderá utilizar o Programa de Apoio sujeito a quaisquer limitações de licença do Programa Principal e somente para o suporte do Programa Principal.

- g. Esta licença aplica-se a cada cópia do Programa feita pelo Licenciado.
- h. Uma atualização, correção ou patch para um Programa está sujeita aos termos que regem o Programa, a menos que sejam estabelecidos novos termos em um TD atualizado. O Licenciado aceitará esses novos termos mediante a instalação da atualização, correção ou patch. Se um Programa for substituído por uma atualização, o Licenciado concordará em descontinuar imediatamente o uso do Programa substituído.
- i. Se não estiver satisfeito com um Programa por qualquer razão, o Licenciado poderá rescindir a licença devolvendo o Programa e a prova de titularidade à IBM ou ao Parceiro Comercial IBM autorizado em até 30 dias a partir da data de aquisição original do Programa para receber um reembolso da quantia paga. Para um Programa transferido por download, entrar em contato com a parte da qual o Licenciado adquiriu o Programa para obter instruções de reembolso.

## 2. Garantias

- a. A IBM garante a conformidade de um Programa com suas especificações, quando utilizado em seu ambiente operacional especificado. O período de garantia para um Programa é de 12 (doze) meses a partir da data de aquisição ou da vigência da licença inicial, quando inferior a 12 meses, a menos que outro período de garantia seja especificado no TD.
- b. Durante o período de garantia, o Licenciado terá acesso aos bancos de dados da IBM contendo informações sobre defeitos conhecidos do Programa, correções de defeitos, restrições e bypasses, conforme descrito no Guia de Suporte IBM em <http://www.ibm.com/support/pages/node/733923>.
- c. Se o Programa não funcionar conforme garantido durante o período de garantia e o problema não puder ser resolvido com as informações disponíveis nos bancos de dados da IBM, o Licenciado poderá devolver o Programa e a prova de titularidade à IBM ou ao Parceiro Comercial IBM para receber um reembolso da quantia paga e a licença do Licenciado será rescindida.
- d. **A IBM não garante a operação ininterrupta ou livre de erros de um Programa da IBM e nem que corrigirá todos os defeitos ou evitará interrupções causadas por terceiros. Essas garantias são as únicas garantias da IBM e substituem todas as outras garantias, incluindo as condições ou garantias implícitas de qualidade de satisfação, comercialização, não infração e adequação a um determinado propósito. As garantias da IBM não se aplicarão em caso de uso inapropriado, modificação, dano não causado pela IBM ou falha no cumprimento das instruções fornecidas por escrito pela IBM. Programas Não IBM são fornecidos no estado em que se encontram, sem nenhum tipo de garantia. Terceiros podem fornecer suas próprias garantias para o Licenciado.**
- e. O suporte adicional disponível durante ou após o período de garantia pode estar disponível em um contrato distinto.

## 3. Encargos, Tributos, Pagamento e Verificação

- a. O direito de uso de um Programa pelo Licenciado é contingente ao pagamento dos encargos aplicáveis pelo Licenciado, conforme especificado no contrato sob o qual as autorizações de licença foram adquiridas pelo Licenciado. O Licenciado é responsável por adquirir autorizações adicionais de licença antes de aumentar seu uso.
- b. O Licenciado concorda em pagar todos os encargos aplicáveis pelas autorizações adquiridas, além de quaisquer encargos pelo uso de autorizações excedentes. Quaisquer encargos alfandegários ou outros impostos, tributos e tarifas semelhantes impostos por qualquer autoridade resultantes da aquisição de autorizações do Licenciado serão cobradas além desses encargos. As quantias são devidas mediante o recebimento da fatura da IBM e devem ser pagas dentro de 30 (trinta) dias da data da fatura para uma conta especificada pela IBM e encargos moratórios podem ser aplicados. O Licenciado é responsável por adquirir autorizações adicionais de licença adequadamente antes de aumentar seu uso. A IBM não oferece créditos nem reembolsos por encargos já vencidos ou pagos, salvo conforme especificado neste Contrato Internacional de Licença de Programa, no TD aplicável ou nos termos do contrato sob o qual o Licenciado adquiriu autorizações de licença.
- c. Com base nas autorizações adquiridas, o Licenciado concorda em: i) pagar qualquer imposto retido na fonte diretamente à entidade governamental apropriada quando for exigido por lei; ii) fornecer um comprovante fiscal evidenciando tal pagamento à IBM; iii) pagar à IBM somente a receita líquida após o tributo; e iv) cooperar totalmente com a IBM na busca pela isenção ou redução de tais tributos, preencher e arquivar prontamente todos os documentos relevantes.



- d. Se importar, exportar, transferir, acessar ou utilizar um Programa em uma fronteira, o Licenciado concordará em ser responsável e em pagar às autoridades quaisquer encargos alfandegários, tributos, impostos ou tarifas semelhantes avaliadas pelas autoridades. Isso exclui os tributos baseados na receita líquida da IBM.

### 3.1 Verificação de Licenciamento

- a. O Licenciado irá, para todos os Programas em todos os sites e para todos os ambientes, criar, reter e, a cada ano, fornecer à IBM, mediante solicitação, com um aviso de 30 dias de antecedência: i) um relatório em um formato solicitado pela IBM usando registros, saída de ferramentas do sistema e outras informações do sistema; e ii) documentação de apoio (coletivamente "Dados de Implementação").
- b. Mediante aviso razoável, a IBM e seus auditores independentes poderão verificar a conformidade do Licenciado com este Contrato, em todos os sites e para todos os ambientes nos quais o Licenciado usa os Programas (para quaisquer propósitos). A verificação será conduzida de uma maneira que minimize a interrupção dos negócios do Licenciado e que possa ser conduzida nas instalações do Licenciado durante o horário comercial. A IBM terá um acordo de confidencialidade por escrito com o auditor independente. Além de fornecer os Dados de Implementação descritos acima, o Licenciado concorda em fornecer à IBM e a seus auditores informações precisas e Dados de Implementação adicionais mediante solicitação.
- c. O Licenciado solicitará prontamente e pagará os encargos nas taxas atuais da IBM associadas: i) a quaisquer implementações que excederem as autorizações indicadas no ou por qualquer relatório ou verificação anual; ii) aos serviços aplicáveis de assinatura e suporte (S&S) que excederem as implementações pelo menor período de duração de tal uso em excesso ou dois anos e iii) a quaisquer encargos adicionais e outras responsabilidades determinadas como resultado de tal verificação, inclusive, mas sem limitação, tributos, impostos e taxas regulamentares.

## 4. Responsabilidade e Proteção de Propriedade Intelectual

- a. A responsabilidade total da IBM pela soma de todas as reivindicações relacionadas a este Contrato não excederá o valor de quaisquer danos diretos reais incorridos pelo Licenciado até os valores pagos (se encargos contínuos, encargos de até 12 meses se aplicarem) pelas autorizações para o Programa que são objeto da reivindicação, independentemente da base da reivindicação. **A IBM não será responsável por danos especiais, incidentais, exemplares, indiretos ou danos consequenciais sofridos, ou pelos lucros cessantes, pela perda de negócios, valor, receita, renome comercial ou economias previstas. Essas limitações se aplicam coletivamente à IBM, suas afiliadas, contratadas e fornecedores.**
- b. As quantias a seguir não estão sujeitas ao valor máximo acima: i) pagamentos de terceiros relacionados a reivindicações de infração descritas na cláusula 4 c abaixo; e ii) danos que não possam ser limitados sob a lei aplicável.
- c. Se um terceiro propuser uma reivindicação contra o Licenciado de que um Programa da IBM está infringindo uma patente ou direitos autorais, a IBM defenderá o Licenciado com relação a essa reivindicação e pagará as quantias determinadas por um tribunal contra o Licenciado ou incluídas em um acordo aprovado pela IBM. Para que a IBM possa defender-se contra e pagar as reivindicações de infração, o Licenciado deverá prontamente: i) notificar a IBM por escrito sobre a reivindicação; ii) fornecer as informações solicitadas pela IBM; e iii) permitir que a IBM controle e coopere razoavelmente com a defesa e a quitação, incluindo esforços de mitigação. As obrigações de defesa e pagamento da IBM com relação às reivindicações de infração se estendem às reivindicações de infração baseadas em código de software livre selecionado e integrado pela IBM em um Programa da IBM.
- d. A IBM não tem responsabilidade por reivindicações baseadas em produtos não IBM, itens não fornecidos pela IBM ou qualquer violação da lei ou de direitos de terceiros causados pelo Conteúdo, por quaisquer materiais, designs e especificações do Licenciado ou pelo uso de uma versão ou release não atuais de um Programa da IBM quando uma reivindicação de infração poderia ter sido evitada pelo uso de uma versão ou release atuais. O Conteúdo consiste em todos os dados, softwares e informações que o Licenciado ou seus usuários autorizados fornecem, autorizam o acesso a ou inserem em um Programa.

## 5. Rescisão

- a. A IBM poderá rescindir a licença de uso de um Programa do Licenciado se ele não obedecer ao Contrato Internacional de Licença de Programa, aos TDs ou aos contratos de aquisição, como o Contrato

Internacional Passport Advantage (IPAA). O Licenciado destruirá imediatamente todas as cópias do Programa após a rescisão da licença. Quaisquer termos que, por sua natureza, se estendam além da data de rescisão permanecerão em vigor até serem cumpridos e se aplicarão a seus sucessores e cessionários.

## **6. Leis Aplicáveis e Escopo Geográfico**

- a. Ambas as partes concordam com a aplicação das leis do Brasil, desconsiderando os princípios de conflito de leis. Os direitos e as obrigações de cada parte são válidos apenas no país no qual a transação para adquirir autorizações de licença é feita ou, caso a IBM concorde, no país no qual o Programa é colocado em uso produtivo, exceto quando todas as licenças são válidas, conforme especificamente concedido.
- b. Cada parte também é responsável por obedecer: i) leis e regulamentos aplicáveis a seus negócios e Conteúdo; e ii) leis e regulamentos de importação, exportação e sanção econômica, incluindo o regime de controle de comércio bélico dos Estados Unidos e de quaisquer jurisdições aplicáveis que proíbem ou restringem a exportação, a reexportação ou a transferência de produtos, tecnologia, serviços ou dados, direta ou indiretamente, para ou por determinados países, usos finais e usuários finais.
- c. Se alguma disposição deste Contrato para um Programa for inválida ou inexecutável, as disposições restantes permanecerão em pleno vigor e efeito. Nada neste Contrato afeta os direitos estabelecidos por lei dos consumidores que não podem ser renunciados ou limitados por contrato. A Convenção das Nações Unidas sobre Contratos para a Venda Internacional de Mercadorias não se aplica a transações feitas sob este Contrato.

## **7. Disposições Gerais**

- a. A IBM é uma contratante independente, não um agente, joint venturer, parceiro ou fiduciário do Licenciado, e não se compromete a executar quaisquer obrigações regulamentares do Licenciado, nem assume qualquer responsabilidade pelos negócios ou pelas operações do Licenciado. O Licenciado é responsável por seu uso dos Programas da IBM e dos Programas Não IBM. A IBM está atuando apenas como uma fornecedora de tecnologia da informação. Quaisquer instruções, uso sugerido, orientação ou uso de um Programa oferecidos pela IBM não constituem recomendação médica, clínica, legal, contábil ou outra recomendação profissional licenciada. O Licenciado deve obter seu próprio aviso especializado.
- b. Para Programas que a IBM fornecer ao Licenciado de forma tangível, a IBM cumprirá suas obrigações de envio e entrega mediante a entrega de tais Programas para a transportadora designada pela IBM, salvo se for acordado de outra forma por escrito entre o Licenciado e a IBM.
- c. O Licenciado não poderá utilizar o Programa se a falha do Programa puder levar à morte, lesão corporal grave ou danos em propriedades ou ambientais.
- d. A IBM, suas afiliadas e as contratadas de ambas requerem o uso das informações de contato comercial e de determinadas informações de uso da conta. Essas informações não são o Conteúdo. As informações de contato comercial são utilizadas para comunicar e gerenciar transações comerciais com o Licenciado. Exemplos de informações de contato comercial incluem nome, telefone comercial, endereço, e-mail, identificação de usuário e informações de registro fiscal. As informações de uso da conta são necessárias para ativar, fornecer, gerenciar, suportar, administrar e aprimorar os Programas. Exemplos de informações de uso da conta incluem erros relatados e informações digitais reunidas por meio de tecnologias de rastreamento, como cookies e web beacons, durante o uso do Programa. A Declaração de Privacidade da IBM em <http://www.ibm.com/privacy> fornece detalhes adicionais com relação à coleta, ao uso e à manipulação das informações de contato comercial e de uso da conta pela IBM. Quando o Licenciado fornecer informações à IBM e for necessário o aviso ou o consentimento dos indivíduos para tal processamento, o Licenciado notificará os indivíduos e obterá tal consentimento.
- e. Os Parceiros Comerciais IBM que utilizam ou disponibilizam Programas são independentes da IBM e determinam unilateralmente seus preços e termos. A IBM não é responsável por ações, omissões, declarações ou ofertas dos Parceiros Comerciais.
- f. A IBM pode oferecer Programas Não IBM, ou um Programa da IBM pode permitir o acesso a Programas Não IBM, que podem exigir a aceitação de termos de terceiros identificados em um TD ou apresentados ao Licenciado. O vínculo ou uso de Programas Não IBM constitui a concordância do Licenciado com tais termos. A IBM não faz parte de nenhum contrato de terceiros nem é responsável por Programas Não IBM.
- g. As concessões de licenças para os Programas são fornecidas pela IBM BRASIL - INDÚSTRIA, MÁQUINAS E SERVIÇOS LTDA. A empresa IBM da qual o Licenciado adquire autorizações ("IBM") age



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- h. O Licenciado não pode sublicenciar, designar ou transferir a licença para nenhum Programa (salvo se a cessão ou transferência não puder ser impedida legalmente ou se for expressamente permitida em um TD ou acordada pela IBM). A IBM pode designar seus direitos e obrigações sob este Contrato em conjunto com a venda de parte dos negócios da IBM que incluem um Programa. A IBM pode compartilhar este Contrato e os documentos relacionados em combinação com qualquer cessão.
- i. Todos os avisos sob o Contrato devem ser feitos por escrito e enviados para o endereço comercial especificado no contrato adquirido pelo Licenciado, a menos que uma parte designe por escrito um endereço diferente. As partes consentem em usar meios eletrônicos e transmissões por fac-símile para as comunicações como sendo assinatura escrita. Comunicações a respeito do término do Contrato devem ser realizadas por meios regulares/convencionais, ou seja, em meio físico escrito, a menos que o Licenciado tenha concordado em usar uma ferramenta eletrônica IBM de contratos, quando tais comunicações poderão ser enviadas através de tal ferramenta. Qualquer reprodução do Contrato feita por meios confiáveis será considerada um original. O Contrato substitui qualquer curso de negociação, discussões ou declarações entre as partes.
- j. Nenhum direito ou causa de ação de qualquer terceiro é criado pelo Contrato. Nenhuma das partes iniciará uma ação legal suscitando ou relacionada ao Contrato mais de dois anos após o surgimento da causa da ação. Nenhuma parte será responsabilizada pelo descumprimento de suas obrigações não monetárias devido a causas além de seu controle. Cada parte permitirá à outra oportunidade razoável de cumpri-las antes de reivindicar que a outra parte não cumpriu com suas obrigações.
- k. A IBM pode utilizar equipes e recursos em locais do mundo todo, inclusive contratados terceirizados para suportar a entrega de Programas e dar suporte ao Programa. O uso de Programas pelo Licenciado pode resultar na transferência de Conteúdo, inclusive de informações pessoais identificáveis, além das fronteiras de um país para fornecimento de suporte do Programa conforme descrito no Guia de Suporte de Software IBM.

## Parte 2 – Termos Requeridos do País

Para licenças adquiridas nos países especificados abaixo, os termos a seguir substituem ou modificam os termos de referência deste IPLA. Os termos não modificados por estas emendas permanecem inalterados e em vigor.

### 1. AMÉRICAS

#### Cláusula 3. Encargos, Tributos, Pagamento e Verificação

*Substitua as duas primeiras frases do parágrafo b pelo seguinte:*

**No Brasil:** o Licenciado concorda em pagar todos os encargos aplicáveis pelas autorizações adquiridas, além de quaisquer encargos pelo uso de autorizações excedentes, encargos moratórios, quaisquer encargos alfandegários ou outros impostos, tributos e tarifas semelhantes, impostos por qualquer autoridade, resultantes de aquisições do Licenciado sob o Contrato.

*No parágrafo b:*

**No México:** *na terceira frase, exclua as palavras "para uma conta especificada pela IBM".*

**No México:** *inclua a nova frase a seguir após a terceira frase:*

Os pagamentos serão feitos por meio de transferência eletrônica de fundos para uma conta especificada pela IBM ou na sede da IBM localizada no endereço Alfonso Nápoles Gándara, 3111, Santa Fe, Peña Blanca, Alvaro Obregón, Ciudad de México, CEP 01210.

*Inclua a frase a seguir no final do parágrafo c:*

**No Canadá:** sempre que os tributos forem baseados nos locais que estão recebendo o benefício do Programa, o Licenciado terá o dever constante de notificar a IBM sobre tais locais, se eles forem diferentes do endereço comercial do Licenciado listado no TD aplicável.

*Inclua a frase a seguir no final do parágrafo c:*

**Nos Estados Unidos:** as partes concordam que nenhuma propriedade pessoal tangível (por exemplo, mídia ou publicações) deverá ser transferida para o Licenciado se: i) a IBM entregar Programas eletronicamente ao Licenciado; ou ii) o Licenciado reivindicar isenção de imposto nas vendas ou no uso de Programas entregues eletronicamente pela IBM ao Licenciado. Sempre que os tributos forem baseados nos locais que estão recebendo o benefício do Programa, o Licenciado terá o dever constante de notificar a IBM sobre tais locais, se eles forem diferentes do endereço comercial do Licenciado listado no TD aplicável. **Cláusula 4. Responsabilidade e Proteção de Propriedade Intelectual** *Insira a renúncia de responsabilidade a seguir no final do parágrafo a:*

**No Peru:** de acordo com o Artigo 1328 do Código Civil Peruano, estas limitações e exclusões não se aplicarão em casos de má conduta intencional ("dolo") ou negligência grave ("culpa inexcusável"). **Cláusula 6. Legislação Aplicável e Escopo Geográfico** *No parágrafo a, substitua apenas a primeira frase por:*

**Na Argentina:** ambas as partes concordam com a aplicação das leis da República da Argentina, desconsiderando os princípios de conflito de leis. Qualquer processo judicial relacionado a direitos, deveres e obrigações que suscitar deste Contrato será levado ao Tribunal Comercial Ordinário da "Cidade Autônoma de Buenos Aires".

**No Chile:** ambas as partes concordam com a aplicação das leis do Chile, desconsiderado os princípios de conflito de leis. Qualquer conflito, interpretação ou violação relacionado a este Contrato que não possa ser resolvido pelas partes deverá ser remetido para a jurisdição dos Tribunais Ordinários da cidade e distrito de Santiago.

**Na Colômbia:** ambas as partes concordam com a aplicação das leis da República da Colômbia, desconsiderando os princípios de conflito de leis. Todos os direitos, deveres e obrigações serão submetidos aos juízes da República da Colômbia.

**No Equador:** ambas as partes concordam com a aplicação das leis da República do Equador, desconsiderando os princípios de conflito de leis. Qualquer litígio suscitado deste ou relacionado a este Contrato será enviado para os juízes civis de Quito e para processo sumário verbal.

**Na Venezuela:** ambas as partes concordam com a aplicação das leis da Venezuela, desconsiderado os princípios de conflito de leis. As partes concordam em registrar qualquer conflito relacionado a este Contrato existente entre elas nos Tribunais da Área Metropolitana da Cidade de Caracas.

**No Peru:** ambas as partes concordam com a aplicação das leis do Peru, desconsiderado os princípios de conflito de leis. Qualquer discrepância que possa suscitar entre as partes na execução, interpretação ou

conformidade deste Contrato que não possa ser diretamente resolvida deverá ser registrada na Jurisdição e Competência dos Juízes e Tribunais do Distrito Judicial de 'Cercado de Lima'.

**No Uruguai:** ambas as partes concordam com a aplicação das leis do Uruguai. Qualquer discrepância que possa suscitar entre as partes na execução, interpretação ou conformidade deste Contrato que não possa ser diretamente resolvida deverá ser registrada nos Tribunais de Montevideu ("Tribunais Ordinários de Montevideu").

*No parágrafo a, apenas na primeira sentença, substitua a frase "o país no qual a transação de autorizações de licença é realizada" por:*

**Nos Estados Unidos, Anguilla, Antígua/Barbuda, Aruba, Bahamas, Barbados, Bermuda, Bonaire, Ilhas Virgens Britânicas, Ilhas Cayman, Curaçao, Dominica, Granada, Guiana, Jamaica, Montserrat, Saba, Santo Eustáquio, São Cristóvão e Nevis, Santa Lúcia, São Martinho, São Vicente e Granadinas, Suriname, Tortola, Trindade e Tobago e Turcas e Caicos:** o estado de Nova Iorque, Estados Unidos. **No Canadá:** o município de Ontário e as leis federais aplicáveis no Canadá.

*No parágrafo a, na segunda sentença, substitua a frase "o país no qual a transação de aquisição de autorizações de licença é realizada" por:*

**Na Argentina:** Argentina

**No Chile:** Chile

**Na Colômbia:** Colômbia

**No Equador:** Equador

**No México:** México

**No Peru:** Peru

**No Uruguai:** Uruguai

**Na Venezuela:** Venezuela

*Inclua as frases a seguir no final do parágrafo b:*

**No Brasil:** todos os litígios decorrentes deste Contrato ou relacionados a ele, incluindo procedimentos sumários, serão submetidos à jurisdição exclusiva do Fórum da Cidade de São Paulo, Estado de São Paulo, Brasil, e as partes concordarão irrevogavelmente com essa jurisdição específica, renunciando a qualquer outra, por mais privilegiada que seja.

**No México:** as partes concordam em se apresentar à jurisdição exclusiva dos tribunais da Cidade do México para resolver qualquer litígio que suscitar deste Contrato. As partes renunciam a qualquer outra jurisdição que possa corresponder a seus atuais ou futuros domicílios ou por qualquer outra razão. **Cláusula 7. Geral** *No parágrafo g:*

**Nos Estados Unidos:** *exclua as duas últimas frases.*

*No parágrafo i, inclua a nova sentença a seguir após a primeira:*

**No México:** qualquer mudança de endereço deverá ser notificada 10 (dez) dias antes, caso contrário, as notificações feitas no último endereço indicado terão plenos efeitos legais.

*No parágrafo j:*

**No Brasil:** *exclua a segunda sentença inteira "Nenhuma das partes iniciará uma ação legal suscitada do ou relacionada ao Contrato mais de dois anos após o surgimento da causa da ação."*

*Inclua um novo parágrafo l nesta seção:*

**No Canadá:** ambas as partes concordam em redigir este documento em inglês. Les parties ont convenu de rédiger le présent document en langue anglaise.

## 2. ÁSIA-PACÍFICO

### Cláusula 2. Garantias

*Inclua no final desta seção como um novo parágrafo f:*

**Na Austrália:** estas garantias são além de quaisquer direitos, e limitadas na medida permitida por lei, da Lei da Concorrência e do Consumidor de 2010.

**No Japão:** a responsabilidade da IBM limita-se a este parágrafo, à seção Responsabilidade e Proteção de Propriedade Intelectual e aos TDs aplicáveis como única reparação do Licenciado pelo não cumprimento das garantias especificadas nesta seção.

**Na Nova Zelândia:** estas garantias são além de quaisquer direitos sob a Lei das Garantias do Consumidor de 1993 ou outra legislação que não possa ser limitada por lei.

### **Cláusula 3. Encargos, Tributos, Pagamento e Verificação**

*No parágrafo b, substitua a terceira frase pelas duas frases a seguir:*

**Em Hong Kong, Indonésia, Coreia, Macau, Malásia, Filipinas, Singapura e Vietnã:** as quantias são devidas mediante o recebimento da fatura da IBM e devem ser pagas dentro de 30 dias da data da fatura em uma conta especificada pela IBM. Se o pagamento não for recebido em até 30 dias da data da fatura, a IBM poderá cobrar uma taxa pelo pagamento em atraso da quantia pendente, calculada sobre o número de dias de atraso no pagamento ao custo mínimo: i) de 2% por cada período de 30 dias ou parte dele; ou ii) da quantia máxima permissível pela lei aplicável.

**Na Tailândia:** as quantias são devidas mediante o recebimento da fatura da IBM e devem ser pagas dentro de 30 dias da data da fatura para uma conta especificada pela IBM. Se o pagamento não for recebido em até 30 dias da data da fatura, uma taxa pelo pagamento em atraso poderá ser aplicada na quantia pendente no valor de 1,25% ao mês, calculada sobre o número de dias de atraso no pagamento.

*Na primeira frase do parágrafo c, remova a palavra "e" antes de "(iv)" e inclua um ponto e vírgula e o novo item "(v)" a seguir:*

**Na Índia:** ; e (v) arquivar as devoluções exatas de Impostos Retidos na Fonte (TDS) em tempo hábil. Se algum imposto, dever, tarifa ou encargo ("Tributos") não for cobrado com base na documentação de isenção fornecida pelo Licenciado e a autoridade fiscal decidir posteriormente que tais Tributos deveriam ter sido cobrados, o Licenciado será responsável pelo pagamento de tais Tributos, inclusive de quaisquer juros, impostos e/ou multas aplicáveis.

*Na primeira frase do parágrafo c, remova a palavra "e" antes de "(iv)", substitua o item (iv) e inclua um novo item "(v)" com:*

**Em Singapura, Malásia, Filipinas, Tailândia, Indonésia, Vietnã:** (iv) cooperar totalmente com a IBM na busca pela isenção ou redução de imposto retido na fonte ou de outro imposto solicitado pelo Licenciado; e v) preencher prontamente, arquivar e manter atualizados todos os documentos relevantes para tal isenção, redução ou dispensa.

### **Cláusula 4. Responsabilidade e Proteção de Propriedade Intelectual** *No*

*parágrafo a, inclua o seguinte no final da primeira frase:*

**Na Austrália:** (por exemplo, seja com base em um contrato, ato ilícito, negligência, segundo estatuto ou de outra forma)

*No parágrafo a, na segunda frase depois da palavra "especial" e antes da palavra "incidental", inclua o seguinte: Nas*

**Filipinas:** (incluindo danos nominais e exemplares), moral,

*Inclua como um novo parágrafo depois do final do parágrafo a (e assegure que os parágrafos sejam reescritos corretamente):*

**Na Austrália:** caso a IBM viole uma garantia implícita na Lei da Concorrência e do Consumidor de 2010, a responsabilidade da IBM será limitada ao reparo ou à substituição de mercadorias ou ao fornecimento de mercadorias equivalentes, ou ao pagamento dos custos de substituição de mercadorias ou ao reparo da mercadoria. Caso uma garantia tenha alguma relação com o direito de venda, usufruto tranquilo ou claro título de propriedade de uma mercadoria no suplemento 2 da Lei da Concorrência e do Consumidor, nenhuma dessas limitações se aplicará.

### **Cláusula 5. Rescisão**

*Inclua no final da seção como um novo parágrafo b:*

**Na Indonésia:** as partes renunciam ao artigo 1266 do Código Civil da Indonésia à medida que ele requer um decreto do tribunal para rescindir um contrato que crie obrigações mútuas.

### **Cláusula 6. Legislação Aplicável e Escopo Geográfico**

*No parágrafo a, apenas na primeira frase, substitua a frase "o país no qual a transação de autorizações de licença é realizada" por:*

**No Camboja, Laos:** o estado de Nova Iorque, Estados Unidos

**Na Austrália:** o estado ou território no qual a transação é realizada

**Em Hong Kong:** a região administrativa especial de Hong Kong da República Popular da China

**Em Macau:** a região administrativa especial de Hong Kong da República Popular da China

**Na Coreia:** a República da Coreia (Coreia do Sul) e sujeito ao Tribunal do Distrito Central de Seul da República da Coreia (Coreia do Sul)

**Em Taiwan:** Taiwan

**Na Índia:** Índia

*No parágrafo a, na segunda sentença, substitua a frase "o país no qual a transação de aquisição de autorizações de licença é realizada ou, caso a IBM concorde, o país no qual o Programa é colocado em uso produtivo" por:*

**Em Hong Kong:** a região administrativa especial de Hong Kong da República Popular da China

**Em Macau:** a região administrativa especial de Macau da República Popular da China **Em**

**Taiwan:** Taiwan

*No parágrafo b, na primeira frase, item ii), após a palavra "incluindo" e antes das palavras "a defesa", incluir: No*

**Japão:** aqueles das leis do Japão e

*Inclua no final da seção como um novo parágrafo d:*

**No Camboja, Laos, Filipinas e Sri Lanka:** os litígios serão resolvidos em última instância por arbitragem em Singapura segundo as Regras de Arbitragem do Centro Internacional de Arbitragem de Cingapura ("Regras do SIAC").

**Na Índia:** os litígios deverão ser resolvidos em última instância de acordo com a Lei de Arbitragem e Conciliação de 1996 então em vigor, em inglês, com sede em Bangalore, Índia. Um mediador será necessário se a quantia em litígio for menor ou igual a cinco crores em rúpia indiana. Se a quantia for maior, serão necessários três mediadores. Quando um mediador for substituído, os processos judiciais deverão continuar exatamente do ponto em que estavam no momento do surgimento da vaga.

**Na Indonésia:** os litígios serão resolvidos em última instância em Jacarta, Indonésia, administrados pelo Conselho Nacional de Arbitragem Indonésio estabelecido no ano de 1977 ("Badan Arbitrase Nasional Indonesia" ou "BANI") de acordo com as regras do Conselho Nacional de Arbitragem Indonésio. O laudo arbitral deverá ser definitivo e vinculativo para as partes, sem apelação, deverá ser emitido por escrito e deverá apresentar as provas dos fatos e a conclusão de lei.

**Na República Popular da China:** qualquer uma das partes tem o direito de registrar o litígio na Comissão de Arbitragem Econômica e Comercial Internacional da China em Pequim, na RPC, para arbitragem. As partes concordam que serão necessários três mediadores para a resolução de qualquer litígio.

**No Vietnã:** os litígios serão resolvidos em última instância por arbitragem no Vietnã segundo as Regras de Arbitragem do Centro de Arbitragem Internacional do Vietnã ("Regras do VIAC"). Todos os processos judiciais e documentos apresentados estarão no idioma inglês.

## **Cláusula 7. Geral**

*No parágrafo j, na segunda sentença, substitua a frase "dois anos" por: Na*

**Índia:** três anos

*Inclua no final desta seção o novo parágrafo l a seguir:*

**Na Indonésia:** este contrato é estabelecido nas versões do idioma inglês e bahasa. Até o limite permitido pela lei aplicável, a versão em inglês prevalecerá em caso de conflito entre as versões.

## **3. EUROPA, ORIENTE MÉDIO E ÁFRICA**

### **Cláusula 2. Garantias**

*No parágrafo d, substitua a quarta frase pelas duas frases a seguir:*

**Na República Checa, Estônia e Lituânia:** os Programas Não IBM são fornecidos no estado em que se encontram, sem nenhum tipo de garantia ou responsabilidade por defeitos. As partes presentes neste Contrato excluem a IBM de qualquer responsabilidade por defeitos além das garantias acordadas.

### **Cláusula 3. Encargos, Tributos, Pagamento e Verificação** *No*

*parágrafo b, inclua o seguinte no final da terceira frase:*

**Na Itália:** se a IBM solicitar mediante um aviso por escrito para o Licenciado.

**Na Ucrânia:** , na quantia atrasada a partir do próximo dia posterior à data de vencimento até a data do pagamento real, rateada para cada dia de atraso, com taxa de juros equivalente ao dobro da taxa de desconto determinada pelo Banco Nacional da Ucrânia (NBU) durante o período de atraso (o parágrafo 6 do artigo 232 do Código Comercial da Ucrânia não se aplica).

*No parágrafo b, substitua a terceira frase pelo seguinte:*

**Na França:** as quantias vencem e devem ser pagas em até 10 dias da data da fatura em uma conta especificada pela IBM. Serão aplicadas taxas por pagamento em atraso equivalentes à taxa mais recente do Banco Central Europeu, mais 10 pontos, além dos custos por cobrança de dívidas equivalente a quarenta (40) euros ou, quando tais custos excedem quarenta euros, uma indenização complementar sujeita à justificativa da quantia reclamada).

**Na Rússia:** as quantias são devidas mediante o recebimento da fatura e devem ser pagas dentro de 30 dias da data da fatura por meio de transferência eletrônica de fundos para uma conta especificada pela IBM. Podem se aplicar taxas de 24% ao ano sobre os atrasos de pagamento, calculadas para cada dia que exceder 30 dias. *No parágrafo b, inclua o seguinte no final da última frase:*

**Na Lituânia:** , ou conforme estabelecido por lei *No*

*final do parágrafo b, inclua o seguinte:*

**Na Itália:** em caso de falta de pagamento ou pagamento parcial, e após um procedimento de reivindicação formal de crédito ou julgamento iniciado pela IBM, em derrogação do artigo 4 do Decreto Legislativo nº 231 de 9 de outubro de 2002, e de acordo com o artigo 7 do mesmo Decreto Legislativo, a IBM notificará o Licenciado por escrito, através da postagem de um aviso de recebimento registrado, sobre as taxas sobre os atrasos de pagamento.

### **Cláusula 4. Responsabilidade e Proteção de Propriedade Intelectual**

*No parágrafo a, na primeira frase, insira o seguinte antes das palavras "as quantias pagas":*

**Na Bélgica, França, Alemanha, Itália, Luxemburgo, Malta, Portugal e Espanha:** até o montante máximo de €500,000 (quinhentos mil euros) ou

**Na Irlanda e no Reino Unido:** 125% de

*No parágrafo a, na primeira frase, substitua a frase "danos diretos incorridos pelo Licenciado" por:*

**Na Espanha:** e danos comprovados incorridos pelo Licenciado como consequência direta de descumprimento da IBM

*No parágrafo a, insira após a primeira frase a nova frase a seguir:*

**Na Eslováquia:** referente ao § 379 do Código Comercial da Lei nº 513/1991 Coll. conforme aditamento, e referente a todas as condições relacionadas à conclusão do contrato, ambas as partes declaram que o dano total previsível, que pode ser acumulado, não deverá exceder a quantia acima e representa o máximo pelo qual a IBM é responsável.

*No parágrafo a, insira após a segunda frase a nova frase a seguir:*

**Na Rússia:** a IBM não será responsável pelo benefício renunciado.

*No parágrafo a, na segunda frase, exclua a palavra:* **Na Irlanda e no**

**Reino Unido:** econômico *No parágrafo a, substitua a segunda frase por:*

**Na Bélgica, Países Baixos e Luxemburgo:** a IBM não será responsável por danos indiretos ou consequenciais, lucros cessantes, perda de negócios, valor, receita, renome comercial, danos para a reputação ou economias previstas, quaisquer reclamações de terceiros contra o Licenciado e perda de (ou danos aos) dados.

**Na França:** a IBM não será responsável por danos para a reputação, danos indiretos ou lucros cessantes, perda de negócios, valor, receita, renome comercial ou economias previstas.

**Em Portugal:** a IBM não será responsável por danos indiretos, inclusive lucros cessantes.

**Na Espanha:** a IBM não será responsável por danos para a reputação, lucros cessantes, perda de negócios, valor, receita, renome comercial ou economias previstas.



*Inclua o seguinte no final do parágrafo a:*

**Na França:** Os termos do Contrato, inclusive termos financeiros, foram estabelecidos em consideração à presente cláusula, que é parte integrante da economia geral do Contrato.

*No parágrafo b, substitua "e ii) danos que não possam ser limitados pela lei aplicável" pelo seguinte:*

**Na Alemanha:** ; ii) danos por lesão corporal (inclusive morte); iii) perdas ou danos causados por uma violação de garantia assumida pela IBM em conjunto com qualquer transação sob este Contrato; e iv) causados intencionalmente ou por negligência grave.

#### **Cláusula 6. Legislação Aplicável e Escopo Geográfico**

*No parágrafo a, apenas na primeira frase, substitua a frase "o país no qual a transação de autorizações de licença é realizada" por:*

**Na Albânia, Armênia, Azerbaijão, Bielorrússia, Bósnia e Herzegovina, Bulgária, Croácia, Antiga República Iugoslava da Macedônia, Geórgia, Cazaquistão, Quirguistão, Moldova, Montenegro, Romênia, Rússia, Sérvia, Tajiquistão, Turquemenistão, Ucrânia e Uzbequistão:** Áustria

**Na Estônia, Letônia e Lituânia:** Finlândia

**Na Argélia, Andorra, Benin, Burquina Faso, Burundi, Camarões, Cabo Verde, República Centro-africana, Chade, Comores, República do Congo, Djibuti, República Democrática do Congo, Guiné Equatorial, Guiana Francesa, Polinésia Francesa, Gabão, Guiné, Guiné-Bissau, Costa do Marfim, Líbano, Madagascar, Mali, Maurítânia, Maurícia, Mayotte, Marrocos, Nova Caledônia, Níger, Reunião, Senegal, Seicheles, Togo, Tunísia, Vanuatu e Wallis e Futuna:** França

**Em Angola, Barém, Botsuana, Egito, Eritreia, Etiópia, Gâmbia, Gana, Iraque, Jordânia, Quênia, Kuwait, Libéria, Malauí, Malta, Moçambique, Nigéria, Omã, Paquistão, Catar, Ruanda, São Tomé e Príncipe, Arábia Saudita, Serra Leoa, Somália, Tanzânia, Uganda, Emirados Árabes Unidos, Faixa Oeste/Gaza, Iêmen, Zâmbia e Zimbábue:** Inglaterra

**Em Liechtenstein:** Suíça

**Na África do Sul, Namíbia, Lesoto e Suazilândia:** República da África do Sul

**Reino Unido:** Inglaterra

*No parágrafo a, inclua o seguinte no final da primeira frase:*

**Na França:** as partes concordam que os artigos 1222 e 1223 do Código Civil da França não são aplicáveis.

*Inclua o seguinte no final do parágrafo a:*

**Na Albânia, Armênia, Azerbaijão, Bielorrússia, Bósnia e Herzegovina, Bulgária, Croácia, Antiga República Iugoslava da Macedônia, Geórgia, Cazaquistão, Kosovo, Quirguistão, Moldova, Montenegro, Romênia, Rússia, Sérvia, Tajiquistão, Turquemenistão, Ucrânia e Uzbequistão:** todos os litígios que suscitarem deste Contrato deverão ser resolvidos em última instância pelo Centro Arbitral Internacional da Câmara Federal de Economia da Áustria (Órgão de Arbitragem) segundo as Regras de Arbitragem do Centro Arbitral (Regras de Viena), em Viena, Áustria, sendo o inglês o idioma oficial, por três mediadores imparciais nomeados de acordo com as Regras de Viena. Cada parte nomeará um mediador, que nomeará conjuntamente um presidente independente dentro de 30 dias, ou o presidente será nomeado pelo Órgão de Arbitragem segundo as Regras de Viena. Os mediadores não terão autoridade para conceder indenizações ou medidas cautelares excluídas por este Contrato ou que excederem os limites deste Contrato. Nenhuma disposição no presente Contrato impedirá qualquer uma das partes de recorrer a processos judiciais para (1) obter medidas provisórias no sentido de impedir danos materiais ou violação de disposições de confidencialidade ou de direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de copyright, patentes ou marcas comerciais de propriedade de terceiros ou declaradas por um terceiro ou pela respectiva Empresa das corporações, ou (3) cobrança de dívidas em montantes inferiores a 500.000,00 USD.

**Na Estônia, Letônia e Lituânia:** todos os litígios que suscitarem deste Contrato deverão ser resolvidos em última instância pelo Instituto de Arbitragem da Câmara de Comércio da Finlândia (FAI) (Órgão de Arbitragem) segundo as Regras de Arbitragem da Câmara de Comércio da Finlândia (Regras), em Helsinque, Finlândia, sendo o inglês o idioma oficial, por três mediadores imparciais nomeados de acordo com tais Regras. Cada parte nomeará um mediador, que nomeará conjuntamente um presidente independente dentro de 30 dias, ou o presidente será nomeado pelo Órgão de Arbitragem segundo as Regras. Os mediadores não terão autoridade

para conceder indenizações ou medidas cautelares excluídas por este Contrato ou que excederem os limites deste Contrato. Nenhuma disposição no presente Contrato impedirá qualquer uma das partes de recorrer a processos judiciais para (1) obter medidas provisórias no sentido de impedir danos materiais ou violação de disposições de confidencialidade ou de direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de copyright, patentes ou marcas comerciais de propriedade de terceiros ou declaradas por um terceiro ou pela respectiva Empresa das corporações, ou (3) cobrança de dívidas em montantes inferiores a 500.000,00 USD.

**No Afeganistão, Angola, Barém, Botsuana, Burundi, Cabo Verde, Djibuti, Egito, Eritreia, Etiópia, Gâmbia, Gana, Iraque, Jordânia, Quênia, Kuwait, Líbano, Libéria, Líbia, Madagascar, Malauí, Moçambique, Nigéria, Omã, Paquistão, Território Palestino, Catar, Ruanda, São Tomé e Príncipe, Arábia Saudita, Seicheles, Serra Leoa, Somália, Sudão do Sul, Tanzânia, Uganda, Emirados Árabes Unidos, Saara Ocidental, Iêmen, Zâmbia e Zimbábue:** todos os litígios que suscitarem deste Contrato deverão ser resolvidos em última instância pelo Tribunal de Arbitragem Internacional de Londres (LCIA) (Órgão de Arbitragem) segundo as Regras de Arbitragem do LCIA, Londres, Reino Unido, sendo o inglês o idioma oficial, por três mediadores imparciais nomeados de acordo com as Regras. Cada parte nomeará um mediador, que nomeará conjuntamente um presidente independente dentro de 30 dias, ou o presidente será nomeado pelo Órgão de Arbitragem segundo as Regras. Os mediadores não terão autoridade para conceder indenizações ou medidas cautelares excluídas por este Contrato ou que excederem os limites deste Contrato. Nenhuma disposição no presente Contrato impedirá qualquer uma das partes de recorrer a processos judiciais para (1) obter medidas provisórias no sentido de impedir danos materiais ou violação de disposições de confidencialidade ou de direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de copyright, patentes ou marcas comerciais de propriedade de terceiros ou declaradas por um terceiro ou pela respectiva Empresa das corporações, ou (3) cobrança de dívidas em montantes inferiores a 500.000,00 USD.

**Na Argélia, Benin, Burquina Faso, Camarões, República Centro-africana, Chade, República do Congo, República Democrática do Congo, Guiné Equatorial, Guiana Francesa, Polinésia Francesa, Gabão, Guiné, Guiné-Bissau, Costa do Marfim, Mali, Mauritânia, Maurícia, Marrocos, Níger, Senegal, Togo e Tunísia:** todos os litígios que suscitarem deste Contrato deverão ser resolvidos em última instância pelo Tribunal de Arbitragem Internacional da ICC, Paris (Órgão de Arbitragem) segundo as regras de arbitragem (Regras), Paris, França, sendo o francês o idioma oficial, por três mediadores imparciais nomeados de acordo com as Regras. Cada parte nomeará um mediador, que nomeará conjuntamente um presidente independente dentro de 30 dias, ou o presidente será nomeado pelo Órgão de Arbitragem segundo as Regras. Os mediadores não terão autoridade para conceder indenizações ou medidas cautelares excluídas por este Contrato ou que excederem os limites deste Contrato. Nenhuma disposição no presente Contrato impedirá qualquer uma das partes de recorrer a processos judiciais para (1) obter medidas provisórias no sentido de impedir danos materiais ou violação de disposições de confidencialidade ou de direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de copyright, patentes ou marcas comerciais de propriedade de terceiros ou declaradas por um terceiro ou pela respectiva Empresa das corporações, ou (3) cobrança de dívidas em montantes inferiores a 250.000,00 USD.

**Na África do Sul, Namíbia, Lesoto e Suazilândia:** todos os litígios que suscitarem deste Contrato deverão ser resolvidos em última instância pela Fundação Arbitral da África do Sul (AFSA) (Órgão de Arbitragem) segundo as Regras de Arbitragem da AFSA (Regras), Joanesburgo, África do Sul, com o inglês como idioma oficial, por três mediadores imparciais nomeados de acordo com as Regras. Cada parte nomeará um mediador, que nomeará conjuntamente um presidente independente dentro de 30 dias, ou o presidente será nomeado pelo Órgão de Arbitragem segundo as Regras. Os mediadores não terão autoridade para conceder indenizações ou medidas cautelares excluídas por este Contrato ou que excederem os limites deste Contrato. Nenhuma disposição no presente Contrato impedirá qualquer uma das partes de recorrer a processos judiciais para (1) obter medidas provisórias no sentido de impedir danos materiais ou violação de disposições de confidencialidade ou de direitos de propriedade intelectual, ou (2) determinar a validade ou propriedade de quaisquer direitos de copyright, patentes ou marcas comerciais de propriedade de terceiros ou declaradas por um terceiro ou pela respectiva Empresa das corporações, ou (3) cobrança de dívidas em montantes inferiores a 250.000,00 USD.

**Em Andorra, Áustria, Chipre, França, Alemanha, Grécia, Israel, Itália, Portugal, Espanha, Suíça e Turquia:** todos os litígios serão trazidos e submetidos à jurisdição exclusiva do tribunal de jurisdição competente a seguir:

**Em Andorra:** tribunal comercial de Paris.



**Na Áustria:** tribunal de Viena, Áustria (centro).

**No Chipre:** tribunal competente de Nicósia.

**Na França:** tribunal comercial de Paris.

**Na Alemanha:** tribunais de Stuttgart.

**Na Grécia:** tribunal competente de Atenas.

**Em Israel:** tribunais de Tel Aviv - Jaffa.

**Na Itália:** tribunais de Milão.

**Em Portugal:** tribunais de Lisboa.

**Na Espanha:** tribunais de Madri.

**Na Suíça:** tribunal comercial do cantão de Zurique.

**Na Turquia:** tribunais centrais de Istambul (Çağlayan) e diretores de execução de Istambul, República da Turquia.

**Nos Países Baixos:** as partes renunciam aos direitos sob o Título 7.1 ('Koop') e cláusulas 7:401 e 402 do Código Civil Holandês e aos direitos de solicitar a dissolução total ou parcial ('gehele of partiele ontbinding') deste Contrato sob a seção 6:265 do Código Civil Holandês.

## Cláusula 7. Geral

*Insira o seguinte no final do parágrafo d:*

**Na Espanha:** a IBM obedecerá às solicitações de acesso, atualização ou exclusão de informações de contato caso elas sejam enviadas para o endereço a seguir: IBM, c/ Santa Hortensia 26-28, 28002 Madrid, Departamento de Privacidad de Datos.

*Inclua no final do parágrafo j:*

**Na República Checa:** conforme a Cláusula 1801 da Lei nº 89/2012 Coll. (o "Código Civil"), o artigo 1799 e Seção 1800 do Código Civil como adendo, não se aplica a transações sob esse Contrato. O Licenciado aceita o risco de mudança nas circunstâncias sob a Cláusula 1765 do Código Civil.

*No parágrafo j:*

**Na Bulgária, Croácia, Rússia, Sérvia e Eslovênia:** *exclua a segunda sentença que diz: "Nenhuma das partes iniciará uma ação legal suscitada deste Contrato ou relacionada a ele mais de dois anos após o surgimento da causa da ação."*

*No parágrafo j, inclua no final da segunda sentença:*

**Na Lituânia:** , exceto conforme estabelecido por lei **No**

*parágrafo j, substitua a segunda sentença por:*

**Na Polônia:** nenhuma das partes iniciará uma ação legal suscitada deste Contrato ou relacionada a ele mais de três anos após o surgimento da causa da ação, salvo para ações de falta de pagamento iniciadas no máximo dois anos após o vencimento do pagamento.

*No parágrafo j, na segunda sentença, substitua a palavra "dois" por:*

**Na Letônia e Ucrânia:** três

**Na Eslováquia:** quatro

*No parágrafo j, inclua no final da terceira sentença "Nenhuma das partes será responsabilizada pelo descumprimento de suas obrigações não monetárias devido a causas além de seu controle":*

**Na Rússia:** , incluindo, sem limitação, terremotos, enchentes, incêndios, atos divinos, greves (exceto greves de funcionários das partes), atos de guerra, operações militares, embargos, bloqueios, sanções internacionais ou governamentais e atos de autoridades da jurisdição aplicável.

*No parágrafo j, na terceira sentença, modifique a frase "Nenhuma das partes será responsabilizada pelo descumprimento de suas obrigações não monetárias devido a causas além de seu controle" conforme a seguir:*

**Na Ucrânia:** Nenhuma das partes será responsabilizada pelo descumprimento de suas obrigações não monetárias devido a causas ou mudanças regulamentares além de seu controle, inclusive, sem limitação, requisitos de sanções de importação, exportação e econômicas dos Estados Unidos.

*Inclua o seguinte no final da seção como o novo parágrafo l:*

**Na Hungria:** ao celebrar este Contrato, o Licenciado confirma que foi suficientemente informado sobre todas as disposições deste Contrato e que teve a oportunidade de negociá-los. As disposições a seguir podem se desviar significativamente das disposições geralmente aplicadas pela lei da Hungria e ambas as partes aceitam tais disposições assinando o Contrato: Licença do Programa, Garantias, Encargos, Tributos, Pagamento e Verificação, Responsabilidade e Proteção de Propriedade Intelectual, Rescisão, Legislações Aplicáveis e Escopo Geográfico e Geral.

**Na República Checa:** o Licenciado aceita expressamente os termos deste contrato que incluem os importantes termos comerciais a seguir: i) limitação e renúncia de responsabilidade para defeitos (Garantias); ii) limitação do direito à indenização do Licenciado (Responsabilidade e Proteção de Propriedade Intelectual); iii) caráter vinculativo de regulamentos de exportação e importação (Legislações Aplicáveis e Escopo Geográfico); iv) períodos mais curtos de limitação (Geral); v) exclusão de aplicabilidade das disposições sobre contratos de adesão (Geral) e vi) aceitação do risco de mudança nas circunstâncias (Geral).

**Na Romênia:** o Licenciado aceita expressamente as cláusulas padrão a seguir que podem ser consideradas 'cláusulas incomuns', conforme as disposições do artigo 1203 do Código Civil da Romênia: cláusulas 2, 4, 5, 8j. O Licenciado reconhece por meio deste Contrato que foi suficientemente informado sobre todas as disposições deste Contrato, inclusive sobre as cláusulas supramencionadas, que analisou corretamente e compreendeu tais disposições e que teve a oportunidade de negociar os termos de cada cláusula.

### **Acordo International Passport Advantage Acordo International Passport Advantage Express**

#### **Anexo para Licença de Subscrição**

Este Anexo para Licença de Subscrição ("Anexo") rege a licença de Programas que a IBM disponibiliza mediante uma Licença de Subscrição que o Cliente adquire à IBM ou a um Parceiro de Negócio da IBM. Este Anexo complementa os termos do Acordo IBM International Passport Advantage, Acordo IBM International Passport Advantage Express, ou acordo equivalente, conforme aplicável, entre o Cliente e a IBM ("IPAA"). Os termos indicados em maiúsculas não definidos no presente Anexo são definidos no IPAA.

#### **1. Licença de Subscrição (anteriormente designada como Licença com Período de Compromisso)**

Uma Licença de Subscrição é um modelo de licenciamento que dá acesso a um Programa e a Subscrição e Suporte IBM (S&S) para o Período de Subscrição especificado nos Documentos de Transação (DdT) aplicáveis. O Período de Subscrição tem início na data em que é aceite a encomenda do Cliente ou conforme especificado num DdT e cessa na data especificada num DdT. O Cliente não pode cessar antes do fim do Período de Subscrição.

##### **1.1 Upgrade da Licença de Subscrição (anteriormente designada como Upgrade da Licença com Período de Compromisso)**

Para determinados programas que o Cliente licenciou anteriormente e para os quais tem uma SS ativa (Programas Elegíveis), o Cliente pode proceder ao upgrade para um Programa de Licença de Subscrição (Atualização de Licença de Subscrição), conforme descrito num DdT. Quando é adquirido um upgrade, o Cliente pode utilizar o Programa Elegível e o Programa de Licença de Subscrição em qualquer combinação de implementação até ao número total de autorizações adquiridas para o Upgrade de Licença de Subscrição.

Se o Cliente não renovar o Período de Subscrição, o Cliente pode continuar a utilizar o Programa Elegível na versão do Programa em utilização no final do Período de Subscrição, e se o Cliente decidir retomar a SS disponível para o Programa Elegível, o Cliente tem de adquirir a SS, aos preços então em vigor, para todas as utilizações e instalações do Programa Elegível em todas as Localizações do Cliente ao abrigo de um número do acordo IPAA ou do IPAA Express.

#### **2. Renovação da Licença de Subscrição**

O Cliente seleciona uma opção de renovação num DdT ao colocar uma encomenda para um Programa. O Cliente pode alterar a sua opção de renovação em qualquer altura, notificando a IBM, por escrito, pelo menos 30 (trinta) dias antes da data de fim do período atual. Se o Cliente optar por renovar e o Programa ainda estiver disponível, a IBM renovará a licença que vai caducar pelos preços anteriormente acordados ou, se não existirem, aos preços que então estiverem em vigor. Se o Cliente optar por não renovar, os direitos de licença para o Programa de Licença de Subscrição e o acesso à SS cessarão, e o Cliente será obrigado a desinstalar e destruir todas as cópias do Programa afetado que cessaram.

#### **3. Retirada de comercialização da Licença de Subscrição**

A IBM pode retirar de comercialização este modelo de licenciamento para um Programa em qualquer altura. Para os Clientes cujo período atual do contrato seja posterior à data de retirada de comercialização, a IBM pode continuar a disponibilizar este modelo de licenciamento até à data de fim do período atual ou trabalhará com o Cliente para definir uma solução alternativa.

Upgrade da Licença de Subscrição para um Programa, e substitui quaisquer comunicações ou compromissos anteriores, orais ou escritos, entre o Cliente e a IBM relativos a este assunto. Ao assinar este Anexo, incluindo quaisquer Documentos de Transação aplicáveis, nenhuma das partes se está a vincular a qualquer declaração que não esteja especificada neste Anexo, no IPAA, ou num Documento de Transação. Os termos diferentes ou adicionais constantes de qualquer comunicação escrita do Cliente (tais como ordem de compra) são nulos.

Cada uma das partes aceita os termos do presente Anexo mediante a sua assinatura (ou de outro documento que o incorpore por referência) à mão ou, se reconhecido por lei, por meios eletrônicos. Uma vez assinado, i) qualquer reprodução deste Anexo efetuada por meios fiáveis (por exemplo, imagem eletrónica, fotocópia ou fax) é considerada um original; e ii) todas as Licenças de Subscrição ou Upgrades da Licença de Subscrição para Programas encontram-se sujeitas ao mesmo.

Aceite por:

Aceite por:

**COMPANHIA DE TECNOLOGIA DA INFORMACAO  
DO ESTADO DE MINAS GERAIS - PRODEMGE**

**IBM BRASIL – INDÚSTRIA, MÁQUINAS E SERVIÇOS LTDA**

\_\_\_\_\_

\_\_\_\_\_

Por \_\_\_\_\_

Por \_\_\_\_\_

Assinatura autorizada em nome e representação do Assinatura autorizada em nome e representação da  
Cliente IBM

Cargo/Função: \_\_\_\_\_

Cargo/Função: \_\_\_\_\_

Nome (impresso ou em letra maiúscula manuscrita): \_\_\_\_\_

Nome (impresso ou em letra maiúscula manuscrita): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Data de Assinatura: \_\_\_\_\_

Data de Assinatura: \_\_\_\_\_

Número do Acordo / Número da Localização:

\_\_\_\_\_

Número de Cliente IBM:

\_\_\_\_\_

Morada do Cliente:

Morada da IBM:

\_\_\_\_\_

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Pelo presente instrumento, as Partes abaixo qualificadas, doravante designadas simplesmente "Partes" quando mencionadas em conjunto, e "Parte" quando mencionadas individualmente, de um lado, **IBM BRASIL – INDÚSTRIA, MÁQUINAS E SERVIÇOS LTDA.**, sociedade limitada estabelecida no Município do Rio de Janeiro, Estado do Rio de Janeiro, na Avenida Pasteur, 138/146, inscrita no CNPJ/MF sob o nº 33.372.251/0001-56, doravante simplesmente denominada "IBM", e de outro lado, **COMPANHIA DE TECNOLOGIA DA INFORMACAO DO ESTADO DE MINAS GERAIS - PRODEMG** com sede à RUA DA BAHIA, 2277, bairro SAVASSI, na Cidade de BELO HORIZONTE e Estado de MINAS GERAIS, inscrito no CNPJ sob o nº. **16.636.540/0001-04** doravante denominado simplesmente "Parceiro Comercial"; estão assinando este Contrato de Serviços em Nuvem. Este Contrato de Serviços em Nuvem (CSA) e os Anexos e Documentos de Transação (TDs) aplicáveis constituem o contrato completo referente às transações sob esse CSA (em conjunto, o "Contrato"), sob o qual o Cliente pode solicitar Serviços em Nuvem. Os TDs detalham as especificidades das transações, tais como encargos e uma descrição e informações sobre o Serviço em Nuvem. Exemplos de TDs incluem SOWs, descrições de serviço, documentos de pedidos, cartas-pedido e faturas. Anexos fornecem termos suplementares que se aplicam a determinados tipos de Serviços em Nuvem, tais como serviços trial ou beta. Quaisquer termos conflitantes em um Anexo ou TD que substituam outras partes desse CSA serão identificados no TD ou no Anexo aceito pelo Cliente e somente se aplicarão à transação específica.

### 1. Serviços em Nuvem

- a. Um Serviço em Nuvem é uma oferta da IBM fornecida pela IBM e disponibilizada por meio de uma rede. Cada Serviço em Nuvem é descrito em um TD. Os Serviços em Nuvem são projetados para estarem disponíveis 24 horas por dia, 7 dias por semana, sujeitos à manutenção. O Cliente será notificado sobre a manutenção planejada. Os compromissos de suporte técnico e nível de serviço, se aplicáveis, são especificados em um Anexo ou TD.
- b. A IBM pode oferecer serviços Não IBM ou um Serviço em Nuvem IBM pode permitir o acesso a serviços Não IBM, que podem requerer aceitação de termos de terceiros identificados no TD. A vinculação ou o uso de serviços Não IBM constitui a concordância do Cliente com tais termos. A IBM não é parte de tais contratos de terceiros e não é responsável por tais serviços Não IBM.
- c. O Cliente aceita os termos em um Anexo ou TD assinando-o. Quando a IBM aceita o pedido do Cliente, a IBM fornece ao Cliente as autorizações especificadas no TD.
- d. A IBM fornecerá instalações, equipe, equipamento, software e outros recursos necessários para fornecer os Serviços em Nuvem e a documentação e os guias do usuário normalmente disponíveis para suportar o uso dos Serviços em Nuvem pelo Cliente. Um Serviço em Nuvem pode requerer o uso de um software de ativação, do qual o Cliente faz download para sistemas do Cliente para facilitar o uso do Serviço em Nuvem. O Cliente pode usar o software de ativação somente em conjunto com o uso do Serviço em Nuvem e de acordo com quaisquer termos de licenciamento, se especificados em um TD. O software de ativação é oferecido no estado, sem garantias de qualquer tipo.
- e. O Cliente fornecerá hardware, software e conectividade para acessar e usar o Serviço em Nuvem, incluindo quaisquer endereços URL requeridos específicos do Cliente e certificados associados.
- f. O Cliente pode acessar um Serviço em Nuvem somente na medida das autorizações adquiridas pelo Cliente. O Cliente é responsável pelo uso dos Serviços em Nuvem por qualquer usuário que acesse o Serviço em Nuvem com as credenciais de conta do Cliente. Um Serviço em Nuvem não pode ser usado, em nenhuma jurisdição, para atividade ou Conteúdo ilegal, obsceno, ofensivo ou fraudulento, tais como incentivar danos ou causar danos, interferir ou violar a integridade ou segurança de uma rede ou sistema, evadir filtros, enviar mensagens não solicitadas, abusivas ou enganosas, vírus ou código malicioso ou violar direitos de terceiros. Além disso, o Cliente não poderá usar os Serviços em Nuvem se a falha do Serviço em Nuvem puder resultar em morte, lesões corporais ou danos à propriedade ou ao meio ambiente. O Cliente não pode: i) realizar engenharia reversa de qualquer parte de um Serviço em Nuvem; ii) ceder ou revender o acesso direto a um Serviço em Nuvem a terceiros fora da Empresa do Cliente; ou iii) combinar os Serviços em Nuvem com o valor agregado do Cliente para criar uma solução da marca do Cliente disponível comercialmente, que o Cliente comercialize para seus clientes usuários finais, salvo acordo em contrário.
- g. Um Serviço em Nuvem ou recurso de um Serviço em Nuvem é considerado uma "Pré-Visualização" quando a IBM disponibiliza tais serviços ou recursos sem encargos, com funcionalidade limitada ou de pré-release, ou por um tempo limitado para testar a funcionalidade disponível (tais como Serviços em Nuvem beta, trial, sem encargo ou de pré-visualização). Os serviços de pré-visualização são excluídos dos acordos de nível de serviço disponíveis. Um serviço de Pré-Visualização pode não ser coberto pelo suporte e a IBM pode mudar ou descontinuar um serviço de Pré-Visualização a qualquer momento e sem

aviso prévio. A IBM não é obrigada a liberar um serviço de Pré-Visualização ou disponibilizar um serviço equivalente com disponibilidade geral.

## **2. Proteção de Dados e Conteúdo**

a. O Conteúdo consiste em todos os dados, softwares e informações que o Cliente ou seus usuários autorizados fornecem, autorizam o acesso ou inserem no Serviço em Nuvem. O uso do Serviço em Nuvem não afetará os direitos de propriedade ou de licença do Cliente sobre tal Conteúdo. A IBM, suas afiliadas e contratadas podem acessar e usar o Conteúdo exclusivamente com o objetivo de fornecer e gerenciar o Serviço em Nuvem. A IBM tratará todo o Conteúdo como confidencial, sem divulgar o Conteúdo, exceto aos funcionários e contratadas da IBM e somente na medida do necessário para fornecer o Serviço em Nuvem.

b. O Cliente é responsável por obter todos os direitos e permissões necessários para permitir e conceder tais direitos e permissões para que, a IBM, suas afiliadas e contratadas usem, forneçam, armazenem e, de outra forma, processem Conteúdo no Serviço em Nuvem. Isso inclui o Cliente fazer as divulgações necessárias e obter consentimento, se necessário, antes de fornecer informações de indivíduos, incluindo dados pessoais ou outros regulamentados em tal Conteúdo. Se algum Conteúdo estiver sujeito à regulamentação governamental ou exigir medidas de segurança além das especificadas pela IBM para um Serviço em Nuvem, o Cliente não irá inserir, fornecer ou permitir tal Conteúdo, a menos que seja especificamente permitido nos termos do TD relevante, ou a menos que a IBM tenha, de outra forma, concordado primeiro, por escrito, em implementar medidas adicionais de segurança e outras medidas.

c. Os Princípios de Privacidade e Segurança de Dados (DSPs) da IBM para os Serviços em Nuvem da IBM em <http://www.ibm.com/cloud/data-security>, se aplicam a ofertas de Serviço em Nuvem de disponibilidade geral. Os recursos e funções de segurança específicos para um Serviço em Nuvem podem ser fornecidos em um Anexo e TDs. O Cliente é responsável por avaliar a adequação de cada Serviço em Nuvem para uso e Conteúdo pretendido do Cliente e por tomar ações necessárias para solicitar, ativar ou usar recursos de proteção de dados disponíveis apropriados para o Conteúdo que está sendo usado com um Serviço em Nuvem. Ao usar o Serviço em Nuvem, o Cliente aceita a responsabilidade pelo uso dos Serviços em Nuvem e reconhece que ele atende aos requisitos e instruções de processamento do Cliente para permitir a conformidade com as leis aplicáveis.

d. O Anexo de Processamento de Dados da IBM em <http://ibm.com/dpa> (DPA) e os Apêndices do DPA aplicáveis são aplicados a dados pessoais contidos no Conteúdo, se e na medida em que: i) o Regulamento Europeu Geral sobre a Proteção de Dados (EU/2016/679) (GDPR); ou ii) outras leis de proteção de dados identificadas em <http://www.ibm.com/dpa/dpl> sejam aplicáveis.

e. A IBM devolverá ou removerá o Conteúdo dos recursos de computação da IBM quando da expiração ou cancelamento do Serviço em Nuvem ou anteriormente mediante solicitação do Cliente. A IBM pode cobrar por determinadas atividades executadas por solicitação do Cliente (tais como entregar Conteúdo em um formato específico). A IBM não arquiva Conteúdo, no entanto, algum Conteúdo pode permanecer em arquivos de backup do Serviço em Nuvem até a expiração de tais arquivos, conforme regidos pelas práticas de retenção de backup da IBM.

f. Mediante solicitação de qualquer uma das partes, a IBM, o Cliente ou os afiliados de qualquer um deles firmarão contratos adicionais, conforme exigido por lei no formulário prescrito para a proteção dos dados pessoais regulamentados incluídos no Conteúdo. As partes concordam (e assegurarão que suas respectivas afiliadas concordem) que tais contratos adicionais estarão sujeitos aos termos do Contrato.

## **3. Mudanças**

a. O Cliente reconhece que a IBM pode modificar: i) um Serviço em Nuvem; e ii) o DSP, de tempos em tempos, a critério exclusivo da IBM, e tais modificações substituirão versões anteriores a partir da data de vigência. As atualizações para um TD (tais como uma descrição do serviço ou SOW) entrarão em vigor após um novo pedido ou para TDs acordados anteriormente pelo Cliente entrarão em vigor após a data de efetiva da mudança para serviços contínuos, ou na data de renovação dos Serviços em Nuvem que são renovados automaticamente. A intenção de qualquer modificação será para: i) melhorar ou esclarecer os compromissos existentes; ii) manter o alinhamento com os padrões adotados atualmente e com as leis aplicáveis; ou iii) fornecer recursos e funcionalidades adicionais. As modificações não irão comprometer a segurança ou recursos de proteção de dados ou a funcionalidade de um Serviço em Nuvem.

b. A IBM pode desativar um Serviço em Nuvem mediante um aviso de 12 meses e continuará fornecendo o Serviço em Nuvem para o restante da vigência não expirada do Cliente ou trabalhará com o Cliente para migrar para outra oferta IBM. O acesso a serviços Não IBM pode ser desativado a qualquer momento.

c. Uma vez que esse CSA pode ser aplicado a diversos pedidos futuros, a IBM pode modificar esse CSA, fornecendo ao Cliente um aviso por escrito de pelo menos três meses. As mudanças não são retroativas; elas se aplicam, a partir da data de vigência, somente aos novos pedidos, aos Serviços em Nuvem contínuos que não expiram, e às renovações. Para transações com um período de renovação de contrato definido em um TD, o Cliente pode solicitar que a IBM adie a data de vigência da

mudança até o término do período atual do contrato. O Cliente aceita mudanças assinando um aditivo (por escrito ou on-line). Novos pedidos, serviços de uso contínuo ou renovações poderão ser suspensos até que um aditivo seja assinado.

#### **4. Garantias**

- a. A IBM garante que fornece Serviços em Nuvem usando cuidados e habilidades comercialmente razoáveis. A garantia de um Serviço em Nuvem termina quando o Serviço em Nuvem termina.
- b. A IBM não garante operação ininterrupta ou livre de erros de um Serviço em Nuvem, nem que a IBM irá corrigir todos os defeitos ou evitar interrupções ou acesso não autorizado por terceiro. Essas garantias são garantias exclusivas da IBM e substituem todas as outras garantias, incluindo as condições ou garantias implícitas de qualidade de satisfação, comercialização, não infração e adequação a um determinado propósito. As garantias da IBM não se aplicarão em caso de uso inapropriado, modificação, dano não causado pela IBM ou falha no cumprimento das instruções fornecidas pela IBM. Serviços de pré-visualização e serviços Não IBM são disponibilizados sob o Contrato no estado, sem garantias de qualquer tipo. Terceiros podem fornecer suas próprias garantias para o Cliente.

#### **5. Encargos, Tributos e Pagamento**

- a. O Cliente concorda em pagar todos os encargos aplicáveis especificados para um Serviço em Nuvem, encargos pelo uso em excesso de autorizações, quaisquer encargos alfandegários ou outros impostos, tributos e tarifas semelhantes impostas por qualquer autoridade resultante das aquisições do Cliente sob o Contrato. As quantias são devidas mediante o recebimento da fatura e devem ser pagas dentro de 30 dias da data da fatura para uma conta especificada pela IBM e encargos moratórios podem ser aplicados. Serviços Pré-pagos devem ser usados dentro do período aplicável. A IBM não oferece créditos ou reembolsos por quaisquer encargos pré-pagos, por encargos únicos ou outros encargos já devidos ou pagos. Se a IBM não tiver se comprometido com os preços durante o prazo de um Serviço em Nuvem, a IBM poderá alterar os encargos com aviso prévio de trinta dias. Se, de outra forma, a IBM não confirmou o preço durante o período de vigência de um Serviço em Nuvem, ela poderá mudar os encargos com um aviso prévio de trinta dias.
- b. Os encargos/preços dos Serviços e/ou Produtos, objeto deste Contrato, incluem todos os tributos incidentes na data base, os quais são de responsabilidade da IBM. Fica, entretanto, expressamente acordado entre a IBM e o CLIENTE que, caso ocorra alteração quanto à alíquota e/ou quanto à forma de cálculo e/ou quanto à base de cálculo e/ou quanto à forma de recolhimento, e/ou quanto à tributação dos itens que integram o custo dos Serviços/ Produtos, e/ou quanto à qualquer outro aspecto legal, inclusive se decorrente de decisão judicial, relativos aos tributos incidentes na data base, assim como caso ocorra a criação e incidência de novo tributo sobre a operação, os preços contratados serão alterados de forma a refletir a diminuição ou o aumento efetivamente ocorrido.
- c. Da mesma forma, caso ocorra alteração do originalmente previsto quanto aos locais de origem/destino dos Produtos e/ou aos locais de prestação dos Serviços, e/ou à alteração da forma de comercialização dos Produtos e/ou Serviços, e/ou, ainda, à alteração da classificação tributária dos Serviços e Produtos, os preços contratados serão alterados de forma a refletir o aumento ou a diminuição efetiva da alíquota de tributos cabíveis. Nos contratos de serviços não deverá ser deduzido do valor a pagar junto à IBM qualquer retenção efetuada em cumprimento de norma municipal que esteja em desacordo com a Lei Complementar Federal 116/03 ou norma posterior que altere as regras de retenção que devem ser observadas pelos Municípios na edição de regras de retenção de ISS.
- d. Com base na frequência de cobrança selecionada, a IBM faturará o Cliente os encargos devidos no início do período da frequência de faturamento, exceto pelos encargos de excedente e pelos tipos de encargo de pagamento por uso, que serão faturados com vencimento no mês seguinte após a prestação do serviço. Os encargos únicos serão faturados mediante aceitação de um pedido.

#### **6. Responsabilidade e Indenização**

- a. A responsabilidade total da IBM pela soma de todas as demandas relacionadas ao Contrato não excederá o valor de quaisquer danos diretos reais incorridos pelo Cliente até os valores pagos (se encargos contínuos, encargos de até 12 meses se aplicam) pelo serviço que é objeto da demanda, independentemente da base da demanda. A IBM não poderá ser responsabilizada por danos indiretos ou lucros cessantes. Essas limitações se aplicam coletivamente à IBM, suas afiliadas, contratadas e fornecedores.
- b. As seguintes quantias não estão sujeitas ao valor máximo acima: i) pagamentos de terceiros referidos no parágrafo abaixo; e ii) danos que não possam ser limitados sob a lei aplicável.
- c. Se um terceiro propuser uma demanda contra o Cliente de que um Serviço em Nuvem adquirido sob o Contrato infringe uma patente ou direitos autorais, a IBM defenderá o Cliente contra essa demanda e pagará as quantias determinadas por um tribunal contra o Cliente ou incluídas em um acordo aprovado pela IBM, desde que o Cliente prontamente: i) notifique a IBM por escrito sobre a demanda; ii) forneça as informações solicitadas pela IBM; e iii) permita que a IBM controle e coopere razoavelmente na defesa e no acordo, incluindo esforços de mitigação.

d. A IBM não se responsabiliza por demandas baseadas em produtos e serviços que Não IBM, itens não fornecidos pela IBM ou qualquer violação da lei ou de direitos de terceiros causados por Conteúdo, materiais, designs ou especificações do Cliente.

## **7. Vigência e Rescisão**

a. A vigência de um Serviço em Nuvem começa na data em que a IBM notifica o Cliente de que ele pode acessar o Serviço em Nuvem. A IBM especificará se o Serviço em Nuvem será renovado automaticamente, se prosseguirá em uma base de uso contínuo ou se será rescindido no final da vigência. Para renovação automática, a menos que o Cliente forneça aviso por escrito para a IBM ou o Parceiro Comercial IBM envolvido no Serviço em Nuvem não renove em pelo menos 30 dias antes da data de expiração da vigência, o Serviço em Nuvem será renovado automaticamente pelo período especificado. Para uso contínuo, o Serviço em Nuvem continuará disponível em uma base mensal, até que o Cliente forneça para a IBM ou o Parceiro Comercial IBM envolvido no Serviço em Nuvem um aviso por escrito a 30 dias antes da rescisão. O Serviço em Nuvem permanecerá disponível até o término do mês após tal período de 30 dias.

b. A IBM pode suspender ou limitar, na medida do necessário, o uso de um Serviço em Nuvem pelo Cliente, se a IBM determinar que há uma violação material das obrigações do Cliente, uma violação de segurança, violação da lei ou violação dos termos estabelecidos na cláusula 1(f). Se a causa da suspensão puder ser corrigida de forma razoável, a IBM fornecerá um aviso das ações que o Cliente deve tomar para restabelecer o Serviço em Nuvem. Se o Cliente falhar na tomada de tais ações dentro de um tempo razoável, a IBM poderá rescindir o Serviço em Nuvem. A falta de pagamento tempestivo é uma violação material.

c. Qualquer uma das partes pode rescindir esse CSA: i) sem motivo, com aviso de pelo menos um mês à outra parte, após a expiração ou rescisão de suas obrigações sob o Contrato; ou ii) imediatamente, se a outra parte estiver em violação material do Contrato, contanto que aquela que não esteja cumprindo receba um aviso e tempo razoável para cumprir. Quaisquer termos que, por sua natureza, se estendam além da data de rescisão do Contrato permanecerão em vigor até serem cumpridos e se aplicarão a seus sucessores e cessionários. A rescisão desse CSA não rescinde os TDs, e as disposições desse CSA, visto que se relacionam a com tais TDs, permanecem em vigor até que sejam cumpridas ou de outra forma rescindidas, de acordo com seus termos.

d. O Cliente pode rescindir um Serviço em Nuvem com um aviso prévio de um mês: i) por recomendação escrita de uma agência governamental ou reguladora após uma mudança em uma lei aplicável ou nos Serviços em Nuvem; ii) se a modificação da IBM no ambiente de computação usado para fornecer o Serviço em Nuvem fizer com que o Cliente não esteja em conformidade com as leis aplicáveis; ou iii) se a IBM notificar o Cliente sobre uma modificação que tenha um efeito material adverso relevante no uso do Serviço em Nuvem pelo Cliente, desde que a IBM tenha 90 dias para trabalhar com o Cliente para minimizar tal efeito. No caso de tal rescisão, a IBM deverá reembolsar a parte de quaisquer valores pré-pagos pelo Serviço em Nuvem aplicável no período após a data de rescisão, se tal reembolso for estabelecido em um TD aplicável. Se o Contrato for rescindido por qualquer outro motivo, o Cliente deverá pagar à IBM, na data de rescisão, as quantias totais devidas pelo Contrato. Quando da rescisão, a IBM poderá ajudar o Cliente na transição do Conteúdo do Cliente para uma tecnologia alternativa por um encargo adicional e sob termos acordados separadamente.

## **8. Leis Aplicáveis e Escopo Geográfico**

a. Cada parte é responsável por estar em conformidade com: i) leis e regulamentos aplicáveis a seus negócios e Conteúdo e ii) leis e regulamentos de importação, exportação e sanção econômica, incluindo regime de controle de comércio bélico de qualquer jurisdição, inclusive os Regulamentos Internacionais de Comércio de Armas e aqueles dos Estados Unidos que proíbem ou restringem a exportação, a reexportação ou a transferência de produtos, tecnologia, serviços ou dados, direta ou indiretamente, para ou por determinados países, usos finais e usuários finais.

b. Ambas as partes concordam com a aplicação das leis do país do endereço comercial do Cliente no Contrato, desconsiderado o conflito de princípios legais. Os direitos e obrigações de cada parte são válidos somente no país do endereço comercial do Cliente. Se o Cliente ou qualquer usuário exportar ou importar Conteúdo ou usar qualquer parte do Serviço em Nuvem fora do país do endereço comercial do Cliente, a IBM não servirá como a exportadora ou importadora, exceto conforme exigido por leis de proteção de dados. Se alguma disposição do Contrato for inválida ou inexecutável, as disposições restantes permanecerão em pleno vigor e efeito. Nada no Contrato afeta os direitos estabelecidos por lei dos consumidores que não podem ser renunciados ou limitados por contrato. A Convenção das Nações Unidas sobre Contratos de Venda Internacional de Mercadorias não se aplica às transações sob o Contrato. Todas as disputas decorrentes ou relacionadas a esse Contrato, incluindo procedimentos sumários, serão propostas e submetidas à jurisdição exclusiva do Fórum da Cidade de São Paulo, Estado de São Paulo, Brasil e as partes concordam irrevogavelmente com essa jurisdição específica, renunciando qualquer outra, por mais privilegiada que seja.

## **9. Disposições Gerais**



- a. A IBM é uma subcontratada, e não um agente, empreendedor joint venture, parceiro ou fiduciário do Cliente, e não se compromete a cumprir nenhuma obrigação regulamentar do Cliente ou assumir qualquer responsabilidade pelos negócios ou operações do Cliente. A IBM é somente uma fornecedora de tecnologia da informação. Quaisquer instruções, uso sugerido ou orientação oferecidos pela IBM ou um Serviço em Nuvem não constituem recomendação médica, clínica, legal e contábil ou outra recomendação profissional licenciada. O Cliente e seus usuários autorizados são responsáveis pelo uso do Serviço em Nuvem em qualquer prática profissional e devem obter sua própria recomendação de especialista. O Cliente é responsável pelo uso de produtos e serviços IBM e Não IBM. Cada parte é responsável por determinar a designação de suas equipes e das equipes de suas afiliadas e por seus respectivos contratados, por sua direção, controle e remuneração.
- b. A IBM mantém um conjunto robusto de condutas de negócios e diretrizes relacionadas, que abrangem conflitos de interesse, abuso de mercado, antissuborno, corrupção e fraude. A IBM e sua equipe cumprem tais políticas e exigem que as contratadas tenham políticas semelhantes.
- c. A IBM, suas afiliadas e contratadas podem, onde quer que façam negócios, armazenar e, de outra forma, também processar informações de contato comercial (BCI) do Cliente, de sua equipe e usuários autorizados, por exemplo, nome, telefone comercial, endereço, e-mail e ID de usuário, para negócios com eles. Onde o aviso ou consentimento dos indivíduos for necessário para tal processamento, o Cliente notificará e obterá tal consentimento. A Declaração de Privacidade da IBM em <https://www.ibm.com/privacy/> fornece detalhes adicionais referentes ao BCI e aos Dados da Conta descritos abaixo.
- d. Os Dados da Conta são informações, que não sejam Conteúdo e BCI, que o Cliente fornece à IBM para permitir o uso por parte do Cliente de um Serviço em Nuvem ou que a IBM coleta usando tecnologias de rastreamento, tais como cookies e web beacons, no que diz respeito ao uso de um Serviço em Nuvem pelo Cliente. A IBM, suas afiliadas e contratadas podem usar os Dados da Conta, por exemplo, para ativar recursos do produto, administrar o uso, personalizar a experiência e, de outra forma, suportar ou melhorar o uso do Serviço em Nuvem.
- e. Os Parceiros Comerciais IBM que usam ou disponibilizam os Serviços em Nuvem IBM são independentes da IBM e determinam unilateralmente seus preços e termos. A IBM não é responsável por ações, omissões, declarações ou ofertas dos Parceiros Comerciais.
- f. Nenhuma parte pode ceder o Contrato, no todo ou em parte, sem o consentimento prévio por escrito da outra. A cessão de direitos da IBM de receber pagamentos ou a cessão pela IBM em conjunto com a venda da parte dos negócios da IBM que inclua um serviço, não é restrita.
- g. Esse CSA se aplica à IBM, ao Cliente e às suas respectivas Empresas que adquirem os Serviços em Nuvem sob esse CSA. As partes coordenarão as atividades de suas próprias Empresas sob o Contrato. As Empresas incluem: i) empresas dentro do mesmo país que o Cliente ou a IBM controla (detendo mais de 50% das ações com direito a voto); e ii) qualquer outra entidade que controle, seja controlada ou esteja sob controle comum com o Cliente ou a IBM e que tenha assinado um contrato de participação.
- h. Todos os avisos sob o Contrato devem ser feitos por escrito e enviados para o endereço comercial especificado no Contrato, a menos que uma parte designe por escrito um endereço diferente. As partes consentem em usar meios eletrônicos e transmissões por fac-símile para as comunicações como sendo assinatura escrita. Comunicações a respeito do término do Contrato devem ser realizadas por meios regulares/convencionais, ou seja, em meio físico escrito, a menos que o Cliente tenha concordado em usar uma ferramenta eletrônica IBM de contratos, quando tais comunicações poderão ser enviadas através de tal ferramenta. Qualquer reprodução do Contrato feita por meios confiáveis será considerada um original. O Contrato substitui qualquer curso de negociação, discussões ou declarações prévias entre as partes.
- i. Nenhum direito ou causa de ação de qualquer terceiro é criado pelo Contrato ou por qualquer transação sob ele. Nenhuma parte será responsabilizada pelo descumprimento de suas obrigações não monetárias devido a causas além de seu controle. Cada parte dará à outra oportunidade razoável de cumpri-las antes de reivindicar que a outra parte não cumpriu com suas obrigações. Onde uma aprovação, aceitação, consentimento, acesso, cooperação ou ação semelhante for exigida por qualquer uma das partes, tal ação não será injustificadamente atrasada ou recusada.
- j. A IBM pode usar pessoal e recursos em locais em todo o mundo, incluindo contratados, para suportar a distribuição dos Serviços em Nuvem. A IBM pode transferir Conteúdo, incluindo dados pessoais, além de fronteiras de um país. Uma lista de países onde o Conteúdo pode ser processado para um Serviço em Nuvem é descrita no TD. A IBM é responsável pelas obrigações sob o Contrato, mesmo que a IBM use uma contratada e terá os contratos apropriados em vigor para permitir que a IBM cumpra suas obrigações para um Serviço em Nuvem.
- k. A IBM pode oferecer customização, configuração ou outros serviços adicionais para suporte dos Serviços em Nuvem, conforme detalhado em um TD.

E, por estarem assim justas e contratadas, as Partes, através de seus representantes legais abaixo assinados, assinam o presente em 2 (duas) vias, na presença das testemunhas abaixo firmadas.

\_\_\_\_\_, de \_\_\_\_\_ de \_\_\_\_\_.

De acordo: \_\_\_\_\_ De acordo: \_\_\_\_\_  
**COMPANHIA DE TECNOLOGIA DA INFORMACAO IBM BRASIL – INDÚSTRIA , MÁQUINAS E DO  
ESTADO DE MINAS GERAIS - PRODEMGE SERVIÇOS LTDA.**

Por \_\_\_\_\_ Por \_\_\_\_\_

– \_\_\_\_\_ Assinatura autorizada  
Assinatura autorizada

Cargo: \_\_\_\_\_ Cargo: \_\_\_\_\_  
Nome: \_\_\_\_\_ Nome: \_\_\_\_\_

**TESTEMUNHAS:**

\_\_\_\_\_  
Assinatura Assinatura  
Nome (legível): \_\_\_\_\_ Nome (legível): \_\_\_\_\_  
RG: \_\_\_\_\_ RG: \_\_\_\_\_

## Anexo VIII - Termos Gerais para Ofertas de Nuvem

### Termos Gerais para Ofertas de Nuvem

Estes Termos Gerais para Ofertas de Nuvem TOU fornecem termos adicionais aplicáveis para Serviços em Nuvem que o Cliente pode solicitar de acordo com o Contrato International Passport Advantage ou com o Contrato International Passport Advantage Express, conforme aplicável ("Contrato Base"), e complementam outros Documentos da Transação (TDs) e Anexos aplicáveis, coletivamente o contrato completo ("Contrato") relativo às transações de um Serviço em Nuvem.

#### 1. Alterações e Retirada de Serviços em Nuvem

- a. A qualquer momento, e a critério da IBM, a IBM poderá alterar i) os serviços IBM Cloud, incluindo as descrições correspondentes publicadas. A intenção de qualquer alteração será para: (i) disponibilizar recursos e funcionalidade adicionais; (ii) melhorar e esclarecer compromissos existentes; ou (iii) manter o alinhamento com as atuais normas operacionais e de segurança adotadas ou leis aplicáveis. As alterações não irão comprometer a segurança ou os recursos de proteção de dados ou a funcionalidade dos serviços IBM Cloud. As alterações nas descrições publicadas, ou outros documentos publicados, entrarão em vigor quando publicadas ou na data de vigência especificada.
- b. Quaisquer alterações que não atendam às condições especificadas no item a acima somente terão efeito, e o Cliente as aceita, mediante: (i) um novo pedido; (ii) a data de renovação do prazo para os Serviços em Nuvem com renovação automática; ou (iii) a notificação da IBM sobre a data de vigência da mudança para serviços em andamento que não tenham um prazo especificado.

#### 2. Pagamento e Tributos

- a. A IBM irá faturar: (i) encargos recorrentes no início do prazo de frequência de faturamento selecionado; (ii) encargos excedentes e de uso em atraso; e (iii) encargos únicos mediante a aceitação de um pedido pela IBM.
- b. Se a IBM não tiver se comprometido de outra forma com os preços durante a vigência de um Serviço em Nuvem, a IBM poderá alterar as cobranças mediante aviso prévio de trinta dias.

#### 3. Prazo e Rescisão

- a. O prazo começa na data em que IBM notifica o Cliente de que o Cliente pode acessar os Serviços em Nuvem. O TD de pedido especificará se os Serviços em Nuvem serão renovados automaticamente, continuarão com base no uso contínuo ou se encerrarão no término do prazo. Para renovação automática, a menos que, pelo menos 30 dias antes da data de expiração do prazo, o Cliente notifique por escrito a não renovação à IBM ou ao Parceiro Comercial IBM envolvido nos Serviços em Nuvem para não renovar, os Serviços em Nuvem serão renovados automaticamente pelo prazo especificado. Para uso contínuo, os Serviços em Nuvem continuarão disponíveis mês a mês até que, com antecedência de 30 dias, o Cliente notifique o encerramento por escrito à IBM ou ao Parceiro Comercial IBM envolvido nos Serviços em Nuvem. Os Serviços em Nuvem permanecerão disponíveis até o término do mês-calendário após esse período de 30 dias.
- b. A IBM poderá suspender ou limitar, na medida necessária, o uso de um Serviço em Nuvem pelo Cliente se a IBM determinar razoavelmente que há uma violação substancial das obrigações do Cliente, violação de segurança, violação de lei ou violação dos termos de uso aceitáveis e usos proibidos conforme estabelecido no Contrato. A IBM fornecerá um aviso antes da suspensão, conforme comercialmente razoável. Se a causa de uma suspensão puder ser razoavelmente remediada, a IBM notificará o Cliente sobre as ações que ele deverá realizar para restabelecer os Serviços em Nuvem. Se o Cliente não realizar tais ações dentro de um período razoável, a IBM poderá encerrar os Serviços em Nuvem. A inadimplência do Cliente, ou o fornecimento pelo Cliente de informações de conta ou de pagamento imprecisas ou fraudulentas para a aquisição do Serviço em Nuvem, constitui uma violação substancial.
- c. O Cliente poderá encerrar os serviços IBM Cloud mediante notificação prévia de 30 dias: i) havendo recomendação por escrito do governo ou de agência regulamentar após uma mudança na lei aplicável ou nos serviços IBM Cloud; ii) se uma mudança nos serviços IBM Cloud fizer com que o Cliente não esteja em conformidade com as leis aplicáveis; ou iii) se a IBM notificar o Cliente sobre uma mudança nos serviços IBM Cloud que tenha um efeito adverso substancial no uso dos serviços IBM Cloud pelo Cliente, contanto que a IBM tenha 90 dias para trabalhar com o Cliente para minimizar tal efeito. No caso de qualquer rescisão pelo Cliente conforme acima especificado ou encerramento semelhante de um serviço não-IBM, a IBM deverá estornar uma parte de quaisquer valores pré-pagos pelo Serviço em Nuvem aplicável para o período após a data da rescisão. Se os Serviços em Nuvem forem rescindidos por qualquer outro motivo, o Cliente pagará à IBM, na data da rescisão, os valores totais devidos de acordo com os termos do Serviço em Nuvem. Após a

rescisão, a IBM poderá auxiliar o Cliente na transição do Conteúdo para uma tecnologia alternativa mediante o pagamento de um encargo adicional e sob termos acordados separadamente.

#### 4. Ofertas de Titularidade Híbrida e Dupla

As ofertas de Titularidade Híbrida e Dupla são Serviços em Nuvem que dão ao Cliente acesso a Programas para uso no ambiente de escolha do Cliente, bem como software como função de serviço fornecida em um ambiente de nuvem IBM. Programas, Suporte e atualizações de Programa são fornecidos de acordo com o Contrato Base e as seguintes modificações:

- (1) a licença do Programa do Cliente termina quando a assinatura do Serviço em Nuvem termina. o Cliente concorda em remover imediatamente todos esses Programas de todos seus ambientes de computação selecionados e destruir todas as cópias;
- (2) qualquer garantia de devolução de dinheiro especificada não se aplica a Programas identificados;
- (3) para ofertas de Titularidade Híbrida, são necessárias titularidades separadas para o uso simultâneo do Serviço em Nuvem e uso dos Programas em um ambiente de computação do Cliente; e
- (4) para ofertas de Titularidade Dupla, as titularidades permitem o uso simultâneo dos Serviços em Nuvem e uso dos Programas identificados em um ambiente de computação do Cliente.

#### 5. Disposições Gerais

- a. Software de Ativação é o software que o Cliente baixa em seus sistemas que facilita o uso de um Serviço em Nuvem e será identificado em um TD. O Software de Ativação não faz parte dos Serviços em Nuvem e o Cliente poderá usá-lo somente em conexão com o uso do Serviço em Nuvem de acordo com quaisquer termos de licenciamento especificados em um TD. Os termos de licenciamento especificarão as garantias aplicáveis, se houver. **Caso contrário, o Software de Ativação é fornecido no estado em que se encontra, sem garantias de qualquer tipo.**

#### 6. Versões Anteriores do Contrato Base

- a. Para Clientes que adquirem Serviços em Nuvem de acordo com uma versão do Contrato Base anterior à versão 10 datada de novembro de 2017, as ofertas SaaS são Serviços em Nuvem e os seguintes termos adicionais se aplicam.

##### 6.1 Proteção de Conteúdo e Dados

- a. Conteúdo consiste em todos os dados, software e informações que o Cliente ou seus usuários autorizados fornecem, aos quais autorizam o acesso ou que inserem nos Serviços em Nuvem ou informações ou dados que o Cliente possa fornecer, disponibilizar ou conceder acesso em conexão com o fornecimento de outros Serviços pela IBM. O Cliente concede os direitos e permissões à IBM, suas afiliadas e contratados para usar, fornecer, armazenar e processar o Conteúdo exclusivamente com a finalidade de fornecer os Serviços em Nuvem ou outros Serviços. O uso dos serviços IBM Cloud ou de outros Serviços IBM não afetará os direitos de propriedade ou licença do Cliente com relação ao Conteúdo.
- b. A IBM, suas afiliadas e seus respectivos contratados podem acessar e usar o Conteúdo exclusivamente com a finalidade de fornecer e gerenciar os Serviços em Nuvem ou outros Serviços. A IBM tratará todo o Conteúdo como confidencial, divulgando o Conteúdo apenas aos funcionários e contratados da IBM na medida necessária para fornecer os Serviços em Nuvem ou outros Serviços.
- c. O Cliente é responsável por obter todos os direitos e permissões necessários para permitir o processamento do Conteúdo nos Serviços em Nuvem ou para fornecer outros Serviços. O Cliente fará divulgações e obterá o consentimento exigido por lei antes de fornecer, autorizar o acesso ou inserir informações de pessoas físicas, incluindo dados pessoais ou outros dados regulamentados, para processamento nos Serviços em Nuvem ou para fornecer outros Serviços.
- d. Caso algum Conteúdo possa estar sujeito a regulamentação governamental ou requerer medidas de segurança além daquelas especificadas pela IBM para os serviços IBM Cloud ou para fornecer outros serviços, o Cliente não fornecerá, permitirá acesso ou inserirá o Conteúdo para processamento nos serviços IBM Cloud, salvo se especificamente permitido nos termos do TD pertinente ou se, de outra forma, a IBM tiver concordado primeiro por escrito com a implementação de medidas de segurança adicionais ou outras. O Cliente é responsável pelo backup adequado do Conteúdo nos sistemas gerenciados pelo Cliente antes de fornecer ou permitir acesso do Conteúdo à IBM para fornecer outros Serviços.
- e. Os Princípios de Segurança e Privacidade de Dados (DSP) da IBM, em <http://ibm.com/terms/?id=z126-7745>, se aplicam aos Serviços IBM Cloud padrão e a outros Serviços IBM que têm disponibilidade geral identificados em um TD. A critério da IBM, a IBM pode alterar os DSP periodicamente e a alteração entrará em vigor quando publicada ou na data de vigência especificada. A intenção de qualquer mudança será melhorar e esclarecer os compromissos existentes e manter o alinhamento com as atuais normas operacionais e de segurança adotadas ou leis aplicáveis. A intenção é não comprometer a segurança ou funcionalidade.

- f. Os recursos e funções de segurança específicos de um Serviço em Nuvem ou outros Serviços serão descritos no Anexo e/ou TD(s) aplicáveis. O Cliente é responsável por selecionar, solicitar, ativar ou usar os recursos de proteção de dados apropriados disponíveis para dar suporte ao uso dos Serviços em Nuvem pelo Cliente. O Cliente é responsável por avaliar a adequação dos Serviços em Nuvem para o Conteúdo e uso pretendido do Conteúdo pelo Cliente com os Serviços que a IBM fornecerá. O Cliente reconhece que o uso dos Serviços em Nuvem e outros Serviços atende aos seus requisitos e às instruções de processamento necessárias para cumprimento das leis aplicáveis.
- g. O Adendo de Processamento de Dados (DPA) da IBM está localizado em <http://www.ibm.com/dpa>. O DPA e os Anexos do DPA aplicáveis se aplicam ao processamento de dados pessoais pela IBM em nome do Cliente.
- h. Para os Serviços em Nuvem IBM com recursos autogerenciados, o Cliente pode remover o Conteúdo a qualquer momento. Caso contrário, a IBM devolverá ou removerá o Conteúdo dos recursos de computação da IBM após a expiração ou cancelamento dos Serviços em Nuvem IBM ou outros Serviços IBM, ou antes, mediante solicitação do Cliente. A IBM pode cobrar por determinadas atividades realizadas a pedido do Cliente (como a entrega de Conteúdo em um formato específico). A IBM não arquiva Conteúdo; no entanto, alguns Conteúdos podem permanecer em arquivos de backup até a expiração de tais arquivos conforme governado pelas práticas de retenção de backup da IBM.

## **6.2 Garantia**

- a. A IBM garante que fornece serviços IBM Cloud ou outros Serviços usando cuidados e habilidades comercialmente razoáveis e conforme descrito no Anexo aplicável ou SD. Essas garantias terminam quando os serviços IBM Cloud ou outros Serviços terminam.

## **6.3 Manutenção Planejada**

- a. Os serviços IBM Cloud são projetados para estarem disponíveis 24/7, sujeitos à manutenção. A IBM fornecerá aviso prévio de manutenção programada.

## **6.4 Serviços em Nuvem Não-IBM**

A IBM pode oferecer Serviços em Nuvem não IBM, ou um PE IBM pode permitir o acesso a Serviços em Nuvem Não IBM, que podem exigir a aceitação de termos de terceiros apresentados ao Cliente. Conectar-se ou usar Serviços em Nuvem Não IBM constitui a concordância do Cliente com esses termos de terceiros. Termos e práticas de privacidade de terceiros regem o uso do Conteúdo que o Cliente pode fornecer, conceder acesso ou inserir em um Serviço em Nuvem não IBM ou outro Serviço não IBM. A IBM não faz parte de nenhum contrato de terceiros e não é responsável por Serviços em Nuvem Não IBM. O acesso a Serviços em Nuvem Não IBM pode ser descontinuado a qualquer momento se os terceiros os descontinuarem ou se a IBM não mais disponibilizar tais Serviços em Nuvem Não IBM.

## Anexo IX - Descrição de Serviço – IBM Cloud (Nuvem Pública)

### IBM Cloud

A IBM Cloud permite que o Cliente implemente Serviços e Conteúdo em Nuvem selecionados, incluindo aplicativos e dados do Cliente, dentro do ambiente de nuvem pública da IBM.

#### 1. Serviços em Nuvem

Serviços de Nuvem são autogerenciados pelo Cliente. O cliente tem a capacidade de selecionar data centers e zonas de disponibilidade para implementação, configuração e gerenciamento de recursos para os serviços em nuvem selecionados (incluindo segurança, backup, failover, restauração e monitoramento).

##### 1.1 Serviços essenciais

A Nuvem IBM inclui vários serviços principais que permitem ao Cliente: i) visualizar, selecionar e fornecer serviços; ii) visualizar e gerenciar a conta da Nuvem IBM do Cliente, incluindo autorizar usuários, definir permissões e gerenciar conta e faturamento; iii) solicitar suporte e iv) visualizar a documentação de suporte disponível (Serviços Principais). Detalhes sobre os Serviços Principais, incluindo processamento de dados específico e provisões de proteção, estão em <http://www.ibm.com/terms/?id=i126-9524>.

As interfaces com o usuário (IU) da Nuvem IBM consistem em portais on-line, APIs, interfaces de linha de comandos ou, quando disponível, pedido assistido (colocação do pedido do cliente por meio da equipe de suporte de vendas da IBM). O cliente pode usar qualquer IU para selecionar e implementar serviços em nuvem do catálogo da Nuvem IBM. O Cliente é responsável por selecionar e configurar serviços para atender aos seus requisitos técnicos, de segurança, de conformidade e outros. O Cliente é responsável por manter e proteger todas as chaves de acesso geradas para cada Serviço de Nuvem. As IUs, a documentação de suporte e outras informações podem ser apresentadas apenas em inglês, e a versão em inglês rege qualquer conflito com uma tradução.

##### 1.2 Descrições de Serviço Adicionais

As Descrições de Serviço Adicional (SD Adicional) estão disponíveis no catálogo da Nuvem IBM para cada Serviço em Nuvem. Cada SD Adicional descreve o Serviço em Nuvem, incluindo opções e termos, se houver, disposições específicas de processamento e proteção de dados ou identificação do Software de Ativação. O cliente pode visualizar o SD Adicional clicando no link "Termos" da oferta no catálogo da Nuvem IBM para essa oferta. Quaisquer termos conflitantes no SD Adicional que substituam os termos desta Descrição de Serviço em Nuvem IBM ou do contrato básico serão identificados no SD Adicional e aceitos pelo Cliente ao fornecer o Serviço em Nuvem.

##### 1.3 Soluções do Cliente

O Cliente pode usar os Serviços em Nuvem como uma plataforma para tornar os aplicativos ou serviços do Cliente disponíveis comercialmente para os clientes do Cliente (por exemplo, para hospedar aplicativos). Tais aplicativos não podem: i) revender diretamente Serviços de Nuvem para usuários finais; ou ii) vender o acesso aos IDs da conta da IBM Cloud, sem celebrar um contrato separado com a IBM.

##### 1.4 Acesso à Rede

Os Serviços de Nuvem podem se conectar à rede privada da IBM Cloud, à rede pública e à rede administrativa interna da IBM. Além disso, os servidores virtuais e bare metal são atribuídos a uma VLAN privada dedicada ao cliente. O cliente pode desativar o acesso de rede pública aos serviços, conforme descrito na documentação da Nuvem IBM. A rede privada possibilita uma conexão VPN para acesso administrativo, comunicações intra-aplicativos, comunicações de diferentes pontos de entrega/data centers, bem como para acesso aos serviços de infraestrutura compartilhados. A VPN administrativa permite que o Cliente administre e gerencie os serviços solicitados e faça upload, download e gerencie o conteúdo.

O Cliente não tem nenhum direito de propriedade ou de transferência com relação a nenhum endereço IP designado ao Cliente e não pode usar endereços IP ou VLANs não designados ao Cliente ou não aprovados pela IBM. A Política de Endereço IP em [https://cloud.ibm.com/docs/overview?topic=overviewip\\_address\\_policy](https://cloud.ibm.com/docs/overview?topic=overviewip_address_policy) rege o uso e o provisionamento

de endereços IP, incluindo endereços IP fornecidos pelo cliente. Se uma instância do servidor virtual ou físico for suspensa, dependendo da violação, o acesso à rede pública ou privada poderá ser desativado até a resolução da violação. O acesso temporário usando a VLAN de rede privada para reparar uma violação pode estar disponível. Após o cancelamento dos Serviços de Nuvem que usam quaisquer endereços IP fornecidos pela IBM, o Cliente deve renunciar ao uso de tais endereços, incluindo direcionamento do DNS para os nomes de domínio do Cliente para fora dos Serviços de Nuvem cancelados.

## **2. Fichas Técnicas de Proteção e Processamento de Dados**

O Adendo de Processamento de Dados (DPA) da IBM está localizado em <http://ibm.com/dpa>. O DPA e as Folhas de Dados de Proteção e Processamento de Dados aplicáveis (denominadas Folhas de Dados ou Anexos do DPA) se aplicam ao processamento de dados pessoais feito pela IBM em nome do Cliente.

Para cada Serviço em Nuvem, a Planilha de Dados aplicável está disponível no SD Adicional ou diretamente no link "Termos" no catálogo da Nuvem IBM, caso nenhum SD Adicional seja fornecido.

Além de outras medidas técnicas e organizacionais especificadas nas Folhas de Dados aplicáveis, a IBM executará teste de penetração de Serviços em Nuvem pelo menos uma vez por ano. Tal teste pode ser realizado por testadores IBM qualificados, incluindo IBM X-Force™, ou por terceiros fornecedores qualificados.

### **2.1 Nuvem Suportada pela UE**

Se o Cliente ativar o Suporte da UE para sua conta da IBM Cloud e implementar um Serviço em Nuvem com Suporte da UE em uma região elegível para o Suporte da UE, os seguintes controles adicionais de acesso a dados se aplicarão. Qualquer acesso requerido pela IBM a sistemas e serviços será acesso privilegiado restrito apenas à equipe autorizada baseada na UE ou, se uma equipe não baseada na UE requerer acesso temporário, tal acesso será fornecido somente se aprovado e monitorado por equipe autorizada baseada na UE de acordo com o programa interno de monitoramento e auditoria de usuário privilegiado da IBM.

## **3. Acordos de Nível de Serviço e Suporte Técnico**

### **3.1 Acordos de Nível de Serviço**

Acordos de Nível de Serviço (SLAs) para Serviços de Nuvem descritos no documento Acordo de Nível de Serviço em <https://www.ibm.com/support/customer/csol/terms/?id=i126-9268>.

### **3.2 Suporte Técnico**

A IBM fornece suporte de nível básico sem custo adicional para os Serviços em Nuvem ou o Cliente pode selecionar ofertas de suporte técnico baseadas em taxas disponíveis com um compromisso mínimo especificado. Quaisquer ofertas de suporte técnico baseadas em taxas selecionadas serão associadas e cobradas com base no nível de uso do Serviço em Nuvem elegível, incluindo quaisquer cobranças excedentes. Mais detalhes sobre as ofertas de suporte podem ser encontrados em <https://cloud.ibm.com/docs/get-support?topic=get-support-support-plans>.

O Cliente pode enviar um chamado de suporte descrevendo um problema de acordo com os procedimentos da política de suporte aplicáveis. As políticas de suporte estão disponíveis na documentação da IBM Cloud e fornecem detalhes das opções de suporte disponíveis, bem como informações sobre acesso, horário comercial de suporte, classificação de gravidade e recursos e limitações de suporte. A IBM envia esforços comercialmente razoáveis para responder às solicitações de suporte; no entanto, não há nenhum objetivo de tempo de resposta especificado para suporte de nível básico.

A menos que acordado de outra forma por escrito, o suporte está disponível apenas para o Cliente (e seus usuários autorizados) e não para nenhum usuário final das soluções do Cliente. O Cliente é o único responsável por fornecer todo suporte ao consumidor e serviços aos usuários finais.

Um fórum de suporte on-line está disponível gratuitamente na [Central do Desenvolvedor da Nuvem IBM](#) ou no [Stack Overflow](#). A equipe de suporte e desenvolvimento da IBM monitora ambos os fóruns.

O suporte para produtos não IBM é fornecido pelo fornecedor terceirizado e pode exigir um contrato de suporte separado.

## 4. Encargos

Os Serviços em Nuvem serão cobrados como uma conta pré-paga, a menos que o Cliente tenha uma subscrição ou conta ESP ativa, conforme descrito abaixo. Os encargos e métricas de precificação (as unidades medidas para determinar os encargos de serviço) para os Serviços em Nuvem serão identificados no catálogo IBM Cloud ou poderão ser definidos em um SD Adicional. O Cliente será faturado sobre o mês vencido pelo consumo real dos Serviços em Nuvem selecionados e cobrado conforme a descrição para cada tipo de conta abaixo. O Cliente é responsável pelo pagamento de todos os Serviços em Nuvem solicitados por meio de qualquer interface com o usuário (IU) da Nuvem. Os encargos dos Serviços em Nuvem são estabelecidos em dólares americanos. Fora dos EUA os encargos em dólares são calculados convertendo o encargo em dólares americanos para o encargo em moeda local usando as taxas de câmbio do mercado publicadas pelas principais instituições financeiras. As taxas de câmbio do mercado serão ajustadas mensalmente, exceto conforme proibido ou controlado pela lei aplicável.

### 4.1 Contas Pré-Pagas

Contas Pré-Pagas não requerem compromisso de gastos. Os encargos do catálogo padrão serão faturados mensalmente pelo consumo dos Serviços em Nuvem. O Cliente deve apresentar à IBM detalhes de um cartão de crédito válido ou uma ordem de compra atual com fundos aprovados suficientes.

### 4.2 Assinaturas

Uma subscrição requer um nível de uso comprometido durante um período de subscrição selecionado para serviços em nuvem elegíveis. Os períodos de subscrição são divididos em ciclos de 12 meses (ou se menos de 12 meses restarem em um período, o número restante de meses serão um ciclo). Os encargos do catálogo padrão para o consumo dos Serviços em Nuvem, incluindo quaisquer serviços de suporte técnico baseados em taxas associados, são deduzidos mensalmente do nível de uso comprometido da subscrição em um ciclo atual. Uma vez que o nível de uso comprometido de um ciclo é consumido, o uso adicional em um ciclo é cobrado como excedente. O uso compromissado não utilizado antes do final do ciclo é perdido. As subscrições não podem ser canceladas antes do final do período de subscrição e serão renovadas automaticamente pelo mesmo período de vigência, a menos que especificado de outra forma no pedido. As contas são convertidas em contas pré-pagas sem desconto após a expiração ou não renovação de uma assinatura, e qualquer consumo será cobrado em uma base mensal. Qualquer suporte técnico pago precisará ser solicitado novamente.

### 4.3 IBM Cloud Enterprise Savings Plan (anteriormente "Pay as you Go with Committed Use")

Uma conta Enterprise Savings Plan requer um nível de consumo comprometido para cada ciclo de 12 meses durante o prazo de compromisso para serviços de nuvem elegíveis. Os encargos do catálogo padrão, com o desconto acordado aplicado, serão faturados mensalmente pelo consumo dos Serviços em Nuvem, incluindo quaisquer serviços de suporte técnico baseados em taxas associados. O desconto acordado também se aplicará a qualquer uso acima do nível de consumo compromissado em qualquer ciclo de 12 meses. No final de cada ciclo de 12 meses, o Cliente receberá uma fatura igual a qualquer consumo compromissado não utilizado. Estes descontos não se aplicam a produtos Não IBM.

As contas do Enterprise Savings Plan serão renovadas automaticamente pelo mesmo prazo confirmado e no mesmo nível de consumo comprometido do último ciclo de 12 meses no pedido atual, a menos que o pedido especifique o contrário. As contas são convertidas em contas pré-pagas sem desconto após a expiração ou não renovação de um prazo confirmado, e qualquer consumo será cobrado em uma base mensal. Qualquer suporte técnico pago precisará ser solicitado novamente. Uma conta do Enterprise Savings Plan não pode ser cancelada antes do final do prazo de compromisso.

### 4.4 Faturamento

O Cliente será cobrado pelos encargos a cada mês por meio do faturamento do seu cartão de crédito ou, onde disponível, por fatura para pagamento por transferência de fundos eletrônica, ou por qualquer outro método aprovado pela IBM.

Ao fornecer informações do cartão de crédito, incluindo dados pessoais relevantes, o Cliente concorda que a IBM pode usar tais informações para processar o pagamento dos encargos. O pagamento dos encargos será automático na data de vencimento. O Cliente é responsável por manter as informações atualizadas para evitar interrupção de serviço ou cancelamento da conta. A menos que limitado por lei,



se o pagamento com cartão de crédito for recusado, uma taxa de atraso no pagamento de US\$ 20 (ou o equivalente na moeda local) será devida pelo atraso no pagamento.

Se o Cliente acreditar que um encargo esteja incorreto, ele deverá enviar um chamado de suporte dentro de 30 dias úteis a partir da data de vencimento. Um crédito será fornecido na validação de um encargo incorreto. O Cliente aceita os encargos faturados para os Serviços de Nuvem não contestados dentro desse período.

Se o Cliente precisar de uma autorização específica para alocar fundos para que a IBM possa faturar os encargos, tal como uma ordem de compra, o Cliente será responsável por disponibilizar em tempo hábil e manter atualizada tal autorização com fundos outorgados suficientes para cobrir todos os pedidos enviados usando as credenciais da conta do Cliente para evitar quaisquer interrupções de serviço, taxas sobre os atrasos de pagamento ou cancelamento da conta.

## **5. Termos adicionais**

Para contratos de serviço em nuvem (ou contrato de nuvem básico equivalente) assinados antes de 1º de janeiro de 2019, os termos disponíveis em <https://www.ibm.com/acs> serão aplicados.

### **5.1 Períodos de Serviço e Reservas**

Para serviços prestados em bases mensais ou por período compromissado, o período do serviço inicia: i) no primeiro dia de cada mês; ou ii) para contas com uma data de faturamento estabelecida pela IBM, será nesta data estabelecida, ou no último dia do mês se a data não existir.

Se o Cliente optar por usar um Serviço em Nuvem específico com base em reserva ou instância reservada com um período de serviço comprometido, a IBM não alterará o preço acordado ou o desconto de reserva durante o período comprometido. Após a expiração do período de serviço comprometido, o Serviço em Nuvem será revertido para faturamento mensal ao preço do catálogo em vigor na expiração do período de serviço.

### **5.2 Cancelamento de Serviços Individuais ou de Conta do Cliente**

#### **5.2.1 Cancelamento e Redução de Serviços**

Para fazer downgrade ou cancelar um Serviço em Nuvem de infraestrutura específica que não tenha um período de serviço comprometido, o Cliente deve cancelar pelo menos 24 horas antes do final do período de serviço (no fuso horário GMT-6). Um Serviço em Nuvem cancelado pode continuar disponível até o final do período de serviço e nenhum reembolso ou crédito é fornecido para qualquer parte não utilizada. Avisos fora do prazo resultarão em renovação automática por outro período de serviço. O Cliente é responsável por monitorar o status de qualquer solicitação de cancelamento ou downgrade de um Serviço em Nuvem para garantir que ele foi bem-sucedido.

#### **5.2.2 Cancelamento de Serviços com Período de Serviço Compromissado**

Se o Cliente optar por usar um Serviço de Nuvem de forma reservada e cancelar o Serviço de Nuvem antes do final do período de serviço compromissado, o Cliente deverá enviar um chamado de suporte com uma data efetiva de cancelamento. O serviço reservado continuará disponível até a data de cancelamento solicitada, no entanto, os encargos para o restante do período de serviço compromissado serão devidos.

#### **5.2.3 Suspensão e Cancelamento pela IBM**

A documentação da IBM Cloud pode incluir diretrizes ou limitações de uso para preservar o desempenho, a capacidade de resposta ou a integridade dos Serviços de Nuvem. O Cliente concorda em estar em conformidade com tais diretrizes e entende que o uso ou os aplicativos que violarem essas diretrizes poderão ser suspensos automaticamente ou por administradores do sistema da IBM.

Os Serviços de Nuvem que não são modificados e são deixados em execução em uma conta não faturável por 10 ou mais dias podem ser suspensos automaticamente. Qualquer Serviço de Nuvem que o Cliente tenha implementado, mas que não tenha usado por 30 dias ou mais em uma conta não faturável poderá ser excluído.

A IBM poderá cancelar a conta do Cliente sem qualquer aviso adicional se: i) o Cliente não apresentar informações de um cartão de crédito válido ou autorização de financiamento de PO dentro de 10 dias úteis após a IBM enviar o aviso ao último administrador de conta conhecido; ou ii) nenhum Serviço em Nuvem for solicitado ou permanecer ativo durante qualquer período de seis meses.

Mediante cancelamento da conta pelo Cliente ou pela IBM, todos os Serviços em Nuvem e ambientes do Cliente serão recuperados, com a remoção de acesso e a exclusão irrevogável de qualquer Conteúdo associado.

### **5.3 Autorizações de Licença de Software Fornecidas pelo Cliente**

Determinados serviços IBM Cloud exigem ou permitem que o Cliente use software IBM ou de terceiros, ou ativem o provisionamento de tal software para um ambiente IBM Cloud, com a condição de que o Cliente tenha adquirido separadamente as autorizações de licença adequadas. Ao configurar ou provisionar tais Serviços, o Cliente declara que adquiriu e manterá todas as autorizações de licenças necessárias do licenciador de software IBM ou de terceiro aplicável para uso dentro da IBM Cloud. O Cliente é responsável por qualquer rastreamento referente ao uso de software e direitos de licença e qualquer relatório necessário ao licenciador do software.

Para os produtos Microsoft usados em servidores compartilhados que usam os direitos de licença adquiridos separadamente pelo Cliente, o Cliente deve seguir os procedimentos da Microsoft e executar o "Formulário de Verificação de Mobilidade". Para obter detalhes adicionais, consulte o [Guia de Verificação de Mobilidade da Licença](#) da Microsoft.

### **5.4 Código de Amostra**

Se o Software de ativação contiver código de amostra, o Cliente terá o direito adicional de fazer trabalhos derivados do código de amostra e usá-los de acordo com os direitos do Software de ativação.

### **5.5 Serviços Beta**

Os Serviços de Nuvem fornecidos como um serviço beta ou experimental serão identificados como tal na IU da IBM Cloud. Um serviço beta ou experimental pode não estar no mesmo nível de desempenho ou compatibilidade dos serviços disponíveis de forma geral, não ser totalmente testado, e pode não estar em conformidade com as práticas de segurança normais do Serviço de Nuvem. Tais serviços não foram desenvolvidos para qualquer tipo de Conteúdo que contenha dados pessoais ou para uso em um ambiente de produção. O Cliente concorda em não fornecer ou inserir Conteúdo que contenha dados pessoais em um serviço beta ou experimental. O cliente é responsável por remover o conteúdo que deseja reter antes da expiração ou rescisão do serviço beta ou experimental.

## **6. Termos de Substituição**

O seguinte prevalece sobre qualquer disposição em contrário no contrato básico pelo qual o Cliente adquiriu a Nuvem IBM.

### **6.1 Mudanças**

#### **6.1.1 Modificações nos Serviços em Nuvem**

A IBM fornecerá um aviso com pelo menos 12 meses de antecedência sobre qualquer interrupção da funcionalidade material de um Serviço em Nuvem ou modificação em uma API de uma forma que não seja compatível com versões anteriores, a menos que a IBM deva agir antes para cumprir as leis aplicáveis, obrigações legais ou regulamentos, para resolver um problema de segurança ou para evitar encargos econômicos indevidos.

#### **6.1.2 Retirada de um Serviço em Nuvem**

A menos que a IBM deva agir mais cedo para: i) cumprir as leis, obrigações legais ou regulamentos aplicáveis; ii) abordar uma questão de segurança; ou iii) para evitar ônus econômico indevido, a IBM fornecerá aviso de retirada com pelo menos 12 meses de antecedência ou, para Serviços de Nuvem selecionados, retirada não antes das datas estendidas mostradas em [https://cloud.ibm.com/docs/overview?topic=overview-services\\_availability](https://cloud.ibm.com/docs/overview?topic=overview-services_availability).

#### **6.1.3 Mudanças nas Descrições de Serviço**

A IBM fornecerá ao Cliente um aviso com pelo menos 30 dias de antecedência sobre quaisquer aumentos de preço ou mudanças nesta Descrição de Serviço ou qualquer SD Adicional, e com pelo menos 90 dias de antecedência para mudanças nos SLAs que sejam desfavoráveis ao Cliente. O uso continuado dos Serviços em Nuvem após o período de aviso constitui a aceitação do Cliente de quaisquer mudanças.

#### **6.1.4 Avisos**

A IBM disponibilizará as notificações de mudança por meio de publicação na IU da Nuvem em <https://cloud.ibm.com/status/announcement>. O Cliente pode se inscrever na IU da Nuvem para receber esses anúncios via notificações por e-mail. O Cliente também pode se inscrever para receber avisos de qualquer atualização nos contratos base, Descrição de Serviço e Descrições de Serviço Adicionais da IBM clicando na guia Inscrição em Termos da IBM em <https://www.ibm.com/terms> e selecionando os documentos aplicáveis.

### Adendo de Processamento de Dados IBM

Este Adendo de Processamento de Dados (DPA) e seus Apêndices do DPA aplicáveis aplicam-se ao Processamento de Dados Pessoais pela IBM em nome do Cliente (Dados Pessoais do Cliente), sujeito ao Regulamento Geral de Proteção de Dados 2016/679 (GDPR) ou a quaisquer outras leis de proteção de dados identificadas em <http://www.ibm.com/dpa/dpl> ('Leis de Proteção de Dados') para fornecer serviços (Serviços) em conformidade com o Contrato entre o Cliente e a IBM. Os Apêndices do DPA para cada Serviço serão fornecidos no Documento de Transação (TD) aplicável. Este DPA está incorporado ao Contrato. Os termos em letras maiúsculas utilizados e não definidos aqui têm os significados que lhes foi dado nas Leis de Proteção de Dados. Em caso de conflito, o Apêndice do DPA prevalece sobre o DPA, que prevalece sobre o restante do Contrato.

#### 1. Processamento

- 1.1 Cliente: (a) é um Controlador de Dados Pessoais do Cliente; ou (b) está agindo como Processador em nome de outros Controladores e foi instruído por e obteve a autorização dos Controladores relevantes para concordar com o Processamento de Dados Pessoais do Cliente pela IBM como um subprocessador do Cliente, conforme estabelecido neste DPA. O Cliente nomeia a IBM como o Processador para Processar Dados Pessoais do Cliente. Se houver outros Controladores, o Cliente identificará e informará a IBM de quaisquer outros Controladores antes de fornecer seus Dados Pessoais, de acordo com o Apêndice do DPA.
- 1.2 Uma lista de categorias de Sujeitos de Dados, tipos de Dados Pessoais do Cliente, Categorias Especiais de Dados Pessoais e as atividades de processamento é definida no Apêndice do DPA aplicável para um Serviço. A duração do Processamento corresponde à duração do Serviço, a menos que seja estabelecido de outra forma no Apêndice do DPA. O propósito e o objeto do Processamento são o fornecimento do Serviço, conforme descrito no Contrato.
- 1.3 A IBM irá Processar Dados Pessoais do Cliente de acordo com as instruções documentadas do Cliente. O escopo das instruções do Cliente para o Processamento de Dados Pessoais do Cliente é definido pelo Contrato e, se aplicável, pelo uso e pela configuração dos recursos do Serviço pelo Cliente e seus usuários autorizados. O Cliente pode fornecer instruções adicionais legalmente obrigatórias referentes ao Processamento de Dados Pessoais do Cliente (Instruções Adicionais), conforme descrito na Cláusula 10.2. Se a IBM notificar o Cliente de que uma Instrução Adicional não é viável, as partes deverão trabalhar juntas para encontrar uma alternativa. Se a IBM notificar o Cliente de que nenhuma Instrução Adicional ou alternativa, é viável, o Cliente poderá rescindir o Serviço afetado de acordo com quaisquer termos aplicáveis do Contrato. Se a IBM acreditar que uma instrução viola as Leis de Proteção de Dados, a IBM informará imediatamente o Cliente e poderá suspender a execução de tal instrução até que o Cliente tenha modificado ou confirmado a legalidade da instrução de forma documentada.
- 1.4 O Cliente servirá como um único ponto de contato para a IBM. Como outros Controladores podem ter certos direitos diretos em relação a IBM, o Cliente compromete-se a exercer todos esses direitos em seus nomes e a obter todas as permissões necessárias dos outros Controladores. A IBM ficará dispensada de sua obrigação de informar ou notificar outro Controlador quando a IBM tiver fornecido tais informações ou aviso ao Cliente. Da mesma forma, a IBM servirá como um único ponto de contato para o Cliente em relação às suas obrigações como um Processador sob este DPA.
- 1.5 A IBM cumprirá todas as Leis de Proteção de Dados em relação aos Serviços aplicáveis à IBM como Processadora. A IBM não é responsável por determinar os requisitos das leis ou regulamentos aplicáveis ao negócio do Cliente ou que um Serviço atenda aos requisitos de tais leis ou regulamentos aplicáveis. Entre as partes, o Cliente é responsável pela legalidade do

Processamento dos Dados Pessoais do Cliente. O Cliente não utilizará os Serviços de uma maneira que violaria as Leis de Proteção de Dados aplicáveis.

## **2. Medidas técnicas e organizacionais**

- 2.1 O Cliente e a IBM concordam que a IBM implementará e manterá as medidas técnicas e organizacionais estabelecidas no Apêndice do DPA aplicável (TOMs), que assegura o nível de segurança adequado ao risco para o escopo de responsabilidade da IBM. As TOMs estão sujeitas ao progresso técnico e desenvolvimento adicional. Assim, a IBM reserva-se o direito de modificar as TOMs, desde que a funcionalidade e a segurança dos Serviços não sejam degradadas.

## **3. Direitos e Solicitações do Sujeito de Dados**

- 3.1 A IBM informará ao Cliente as solicitações de Sujeitos de Dados que exercem seus direitos de Sujeitos de Dados (por exemplo, incluindo, sem limitação, retificação, exclusão e bloqueio de dados) endereçados diretamente à IBM a respeito dos Dados Pessoais do Cliente. O Cliente deve ser responsável por lidar com tais solicitações de Sujeitos de Dados. A IBM ajudará razoavelmente o Cliente a responder a tais solicitações de Sujeitos de Dados de acordo com a Cláusula 10.2.
- 3.2 Se um Sujeito de Dados propor uma ação diretamente contra a IBM por uma violação de seus direitos de Sujeito de Dados, o Cliente reembolsará a IBM por quaisquer custos, encargos, danos, despesas ou perdas decorrentes de tal ação, na medida em que a IBM tenha notificado o Cliente sobre a ação e oferecido ao Cliente a oportunidade de cooperar com a IBM na defesa e acordo da ação. Sujeito aos termos do Contrato, o Cliente pode reivindicar da IBM os danos resultantes das ações dos Sujeitos de Dados por violação dos seus direitos de Sujeito de Dados causados pela violação das obrigações da IBM sob este DPA e o respectivo Apêndice do DPA.

## **4. Solicitações e Confidencialidade de Terceiros**

- 4.1 A IBM não divulgará Dados Pessoais do Cliente a qualquer terceiro, a menos que autorizado pelo Cliente ou exigido por lei. Se um governo ou Autoridade Supervisora exigir acesso aos Dados Pessoais do Cliente, a IBM notificará o Cliente antes da divulgação, a menos que seja proibido por lei.
- 4.2 A IBM exige que toda a sua equipe seja autorizada a Processar Dados Pessoais do Cliente para se comprometer com a confidencialidade e não Processar tais Dados Pessoais do Cliente para outros fins, exceto nas instruções do Cliente ou a menos que seja exigido pela lei aplicável.

## **5. Auditoria**

- 5.1 A IBM permitirá e contribuirá com auditorias, incluindo inspeções, realizadas pelo Cliente ou outro auditor mandatado pelo Cliente de acordo com os procedimentos a seguir:
- Mediante uma solicitação por escrito do Cliente, a IBM fornecerá ao Cliente ou ao auditor mandatado as certificações mais recentes e/ou relatórios de auditoria resumidos que a IBM adquiriu para testar, estimar e avaliar regularmente a eficácia das TOMs, na medida do estabelecido no Apêndice do DPA.
  - A IBM cooperará razoavelmente com o Cliente, fornecendo informações adicionais disponíveis sobre as TOMs para ajudar o Cliente a entender melhor tais TOMs.
  - Se o Cliente precisar de mais informações para cumprir com suas próprias obrigações de auditoria ou de outros Controladores ou uma solicitação de Autoridade Supervisora competente, o Cliente informará a IBM por escrito para permitir que a IBM forneça tais informações ou para conceder acesso a elas.
  - Na medida em que não seja possível satisfazer de outra forma um direito de auditoria exigido pela lei aplicável, ou expressamente acordado entre as Partes, apenas as entidades com mandato legal para tanto (tal como uma agência reguladora governamental que supervisiona as operações do Cliente), o Cliente ou seu auditor mandatário pode realizar uma visita no local

das instalações da IBM usadas para fornecer o Serviço, durante o horário comercial normal e apenas de forma que cause uma interrupção mínima nos negócios da IBM, sujeita a coordenar o momento de tal visita e de acordo com quaisquer procedimentos de auditoria descritos no Apêndice do DPA a fim de reduzir qualquer risco para outros clientes da IBM.

Qualquer outro auditor mandatado pelo Cliente não será considerado um concorrente direto da IBM com relação aos Serviços, e estará sujeito à obrigação de confidencialidade.

5.2 Cada parte arcará com seus próprios custos referentes aos parágrafos a. e b. da Cláusula 5.1; caso contrário, a Cláusula 10.2 se aplicará.

## **6. Retorno ou Exclusão de Dados Pessoais do Cliente**

6.1 Quando da rescisão ou expiração do Contrato, a IBM excluirá ou retornará os Dados Pessoais do Cliente em sua posse, como estabelecido no respectivo Apêndice do DPA, a menos que seja exigido de outra forma pela lei aplicável.

## **7. Subprocessadores**

7.1 O Cliente autoriza a contratação de outros Processadores para Processar Dados Pessoais do Cliente (Subprocessadores). Uma lista dos Subprocessadores atuais está definida no respectivo Apêndice do DPA. A IBM notificará o Cliente com antecedência sobre qualquer adição ou substituição dos Subprocessadores, conforme estabelecido no respectivo Apêndice do DPA. Dentro de 30 dias após a notificação da IBM sobre a mudança pretendida, o Cliente pode se opor à inclusão de um Subprocessador com base em que tal inclusão faria com que o Cliente violasse os requisitos legais aplicáveis. A objeção do Cliente será feita por escrito e incluirá os motivos específicos do Cliente para sua objeção e opções para mitigação, se houver. Se o Cliente não fizer qualquer objeção dentro de tal período, o respectivo Subprocessador poderá ser contratado para Processar Dados Pessoais do Cliente. A IBM irá impor obrigações de proteção de dados substancialmente semelhantes, porém não menos protetivas, conforme estabelecido neste DPA, a qualquer Subprocessador aprovado antes do Processamento pelo Subprocessador de quaisquer Dados Pessoais do Cliente.

7.2 Se o Cliente se opuser legitimamente à adição de um Subprocessador e a IBM não puder acomodar razoavelmente a objeção do Cliente, a IBM notificará o Cliente. O Cliente pode rescindir os Serviços afetados, conforme estabelecido no Contrato, caso contrário, as partes deverão cooperar para encontrar uma solução viável de acordo com o processo de resolução de litígio.

## **8. Processamento de Dados Transfronteiriços**

8.1 Em caso de transferência de Dados Pessoais do Cliente para um país que não forneça um nível adequado de proteção em conformidade com as Leis de Proteção de Dados (País Não Adequado), as partes deverão cooperar para assegurar a conformidade com as Leis de Proteção de Dados aplicáveis, conforme estabelecido nas seguintes Cláusulas. Se o Cliente achar que as medidas estabelecidas abaixo não são suficientes para satisfazer os requisitos legais, o Cliente deverá notificar a IBM e as partes deverão trabalhar juntas para encontrar uma alternativa.

8.2 Ao firmar o Contrato, o Cliente está aceitando as Cláusulas Contratuais Padrão da União Europeia, conforme estabelecido no Apêndice do DPA (EU SCC) aplicável com (i) cada Subprocessador listado no respectivo Apêndice do DPA, que é um afiliado IBM localizado em um País Não Adequado (Importadores de Dados IBM) e (ii) a IBM, se localizada em um País Não Adequado, da seguinte forma:

- a. se o Cliente for um Controlador de todos ou de parte dos Dados Pessoais do Cliente, o Cliente estará aceitando o EU SCC a respeito de tais Dados Pessoais do Cliente; e
- b. se o Cliente estiver agindo como um Processador em nome de outros Controladores de todos ou de parte dos Dados Pessoais do Cliente, o Cliente estará aceitando o EU SCC:
  - (i) como um EU SCC back-to-back de acordo com a Cláusula 11 das Cláusulas Contratuais Padrão da UE (Back-to-Back SCC), contanto que o Cliente tenha aceitado as Cláusulas

Contratuais Padrão da União Europeia separadas com os Controladores;  
ou (ii) em nome de outros Controladores.

O Cliente concorda de antemão que qualquer novo Importador de Dados IBM contratado pela IBM de acordo com a Cláusula 7 deverá se tornar um importador de dados adicional sob o EU SCC e/ou SCC Back-to-Back.

- 8.3 Se um Subprocessador localizado em um País Não Adequado não for um Importador de Dados IBM (Terceiro Importador de Dados) e os EU SCC forem aceitos de acordo com a Cláusula 8.2, a IBM ou um Importador de Dados IBM deverão aceitar o SCC Back-to-Back com tal Terceiro Importador de Dados. Caso contrário, o Cliente em seu próprio nome ou, se requerido, em nome de outros Controladores deverá aceitar Cláusulas Contratuais Padrão da União Europeia ou SCC Back-to-Back separados, conforme estabelecido pela IBM.
- 8.4 Se o Cliente não concordar com o EU SCC ou SCC Back-to-Back em nome de outro Controlador, conforme estabelecido nas Cláusulas 8.2 e 8.3, o Cliente irá buscar a concordância de tal Controlador para firmar tais contratos diretamente. Além disso, o Cliente concorda e, se aplicável, busca a concordância de outros Controladores em que o EU SCC ou SCC Back-to-Back, incluindo demandas decorrentes deles, estejam sujeitos aos termos estabelecidos no Contrato, incluindo as exclusões e limitações de responsabilidade. Em caso de conflito, o EU SCC e o SCC Back-to-Back prevalecerão.

## **9. Violação de Dados Pessoais**

- 9.1 A IBM notificará o Cliente sem atrasos indevidos após ter tomado conhecimento de uma Violação de Dados Pessoais em relação aos Serviços. A IBM investigará prontamente a Violação de Dados Pessoais, se ela ocorreu na infraestrutura da IBM ou em outra área em que a IBM é responsável e assistirá o Cliente, como estabelecido na Cláusula 10.

## **10. Assistência**

- 10.1 A IBM irá assistir o Cliente por meio de medidas técnicas e organizacionais no cumprimento da obrigação do Cliente de estar em conformidade com os direitos dos Sujeitos de Dados e em assegurar o cumprimento das obrigações dos Clientes relativas à segurança do Processamento, à notificação e à comunicação de uma Violação de Dados Pessoais e à Avaliação de Impacto da Proteção de Dados, incluindo prévia consultoria da Autoridade de Supervisão responsável, se obrigatório, levando em consideração a natureza do processamento e as informações disponíveis para a IBM.
- 10.2 O Cliente fará uma solicitação por escrito de qualquer assistência referida neste DPA. A IBM poderá cobrar do Cliente não mais que um encargo razoável para realizar tal assistência ou fornecer Instruções Adicionais, sendo que os encargos serão estabelecidos em uma cotação e acordados por escrito pelas partes, ou conforme estabelecido em uma disposição de controle de mudança aplicável do Contrato. Se o Cliente não concordar com a cotação, as partes concordarão em cooperar razoavelmente para encontrar uma solução viável de acordo com o processo de resolução de litígio.

## Anexo XI – Regras de Confidencialidade de Informações

### Acordo para Troca de Informações Confidenciais

**PRODEMG** (Companhia de Tecnologia da Informação do Estado de Minas Gerais) com sede no Município de BELO HORIZONTE Estado de MINAS GERAIS, na RUA DA BAHIA 2277, SAVASSI inscrita no CNPJ/MF sob nº 16.636.540/0001-04 doravante denominado simplesmente **CLIENTE** e, de outro lado,

**IBM BRASIL – INDÚSTRIA, MÁQUINAS E SERVIÇOS LTDA.** sociedade limitada estabelecida no Município do Rio de Janeiro Estado do Rio de Janeiro, na Avenida República do Chile, n. 330, 11º e 12º andares, Blocos 1 e 2, salas 1101 e 1201, Centro, inscrita no CNPJ/MF sob o no. 33.372.251/0001-56, , doravante simplesmente denominada **IBM**.

têm justo e combinado o presente Acordo, que se regerá pelos seguintes termos e condições.

Este acordo protege informações confidenciais (Informações) ao mesmo tempo em que mantém a capacidade de cada parte de conduzir suas respectivas atividades de negócios. Os termos a seguir aplicam-se quando uma parte (Divulgadora) divulga informações para a outra (Receptora).

#### 1. Divulgação

Informações divulgadas oralmente ou que não estejam marcadas com legenda restritiva devem ser identificadas como confidenciais no momento da divulgação. Cada divulgação de Informações está sujeita a este Acordo por cinco anos após a data de divulgação inicial.

#### 2. Obrigações

A Receptora usará estas Informações somente para o propósito para o qual elas foram divulgadas, ou para o benefício da Divulgadora, e empregará cuidados razoáveis para evitar a divulgação das Informações, exceto com relação a:

- a. seus empregados e empregados de qualquer pessoa jurídica que Controle a Receptora ou que, juntamente com ela, esteja sob Controle comum, e que tenham necessidade de conhecê-las. “Controle” significa ser proprietário ou controlar, direta ou indiretamente, mais de 50% das ações com direito a voto; ou
- b. dos subcontratados, e conselheiros jurídicos e financeiros, e neste caso apenas aos que tenham necessidade de conhecê-las.

Antes da divulgação para qualquer das partes (a) ou (b), a Receptora terá um acordo escrito com essa parte que seja suficiente para requerer que essa parte trate a Informação forma substancialmente similar à descrita neste Acordo.

Caso seja necessário divulgar Informações por força de lei ou ordem judicial, a Receptora buscará avisar prontamente a Divulgadora, para que esta tenha oportunidade razoável para obter uma medida de salvaguarda.

**3. Exclusões de Responsabilidade A Divulgadora fornece Informações sem garantias de qualquer espécie** e não será responsável por quaisquer danos ou prejuízos resultantes do uso das Informações, pela Receptora, divulgadas sob este Acordo.

Este Acordo não requer que nenhuma das partes divulgue ou receba Informações, execute qualquer trabalho ou obtenha qualquer tipo de licença, relacionamento de negócios ou outro acordo. A celebração deste Acordo ou divulgação de quaisquer Informações regidas por ele não criam nenhum vínculo ou relação fiduciária e não concedem à Receptora qualquer direito ou licença sobre qualquer marca registrada, direito autoral ou patente, que sejam agora ou posteriormente de propriedade da Divulgadora, ou controlados por ela. O recebimento das Informações sob este Acordo não impede a Receptora de:

- a. desenvolver, produzir, comercializar ou fornecer produtos ou serviços que possam concorrer com produtos ou serviços da Divulgadora, ou estabelecer qualquer tipo de relacionamento de negócios com terceiros; ou
- b. alocar seus empregados livremente.

Todas as Informações estão sujeitas a alterações ou cancelamento sem aviso prévio.

A Receptora pode divulgar, disseminar e usar Informações que já estejam em sua posse sem obrigação de confidencialidade, que sejam desenvolvidas independentemente, que foram obtidas de uma fonte diferente daquela da Divulgadora sem obrigação de confidencialidade, que estejam disponíveis publicamente no momento do



recebimento ou que se tornaram publicamente disponíveis posteriormente, sem intervenção da Receptora, ou foram divulgadas pela Divulgadora sem obrigação de confidencialidade.

#### 4. Geral

**Transferência:** Nenhuma das partes pode designar ou de alguma maneira transferir seus direitos ou delegar suas funções ou obrigações sob este Acordo sem prévio consentimento por escrito da outra parte, exceto no caso de venda de parte do negócio quando o adquirente concordar em estar vinculado aos termos deste Acordo. Qualquer tentativa neste sentido será nula.

**Rescisão:** Qualquer uma das partes poderá rescindir este Acordo por meio de aviso prévio de um mês, por escrito, à outra parte. Qualquer termo deste Acordo que possa por sua natureza estender-se além da rescisão permanece vigente até que cumprido e aplica-se aos respectivos sucessores e titulares.

**Modificação:** Somente um acordo por escrito assinado por ambas as partes pode modificar este Acordo.

**Eleição da Lei:** As partes concordam com a aplicação das leis da República Federativa do Brasil para regular, interpretar e fazer cumprir todos os respectivos direitos, deveres e obrigações das partes, decorrentes ou relacionadas ao objeto deste Acordo, independentemente de quaisquer conflitos de princípios legais, e elegem o Foro Central da Cidade de São Paulo, Estado de São Paulo, com renúncia de qualquer outro, por mais privilegiado que seja, para dirimir questões oriundas deste Acordo.

**Conformidade de Importação/Exportação:** Cada parte deverá cumprir com todas as leis de exportação e importação e todos os regulamentos associados relativos a embargos e sanções econômicas, incluindo aquelas dos Estados Unidos.

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Este Acordo, incluindo quaisquer complementos aplicáveis, é o acordo completo relativo à troca das Informações e substitui toda comunicação verbal ou escrita, declarações, garantias, acordos e compromissos entre as Partes a respeito da troca das Informações. Cada parte aceita os termos deste Acordo ao assinar este Acordo (ou outro documento que o incorpore por referência) manual ou eletronicamente. Depois de assinado, qualquer reprodução deste Acordo feito por meio confiável será considerado um original.

As Partes concordam que este Instrumento poderá ser assinado mediante a utilização de assinatura digital, com certificado emitido no padrão ICP-Brasil ou assinatura eletrônica, em conformidade com as disposições do § 2º do artigo 10 da MP nº 2.200-2 sendo, em qualquer uma das hipóteses, plenamente válida e aceita pelas Partes.

\_\_\_\_\_, de \_\_\_\_\_ de \_\_\_\_\_.

De Acordo:

**PRODEMGE (Companhia de Tecnologia da Informação do Estado de Minas Gerais)**

Por \_\_\_\_\_  
Representante Legal

Nome (legível):

De Acordo:

**IBM Brasil – Indústria, Máquinas e Serviços Ltda.**

Por \_\_\_\_\_  
Representante Legal

Nome (legível):

**TESTEMUNHAS:**



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Assinatura

Nome (legível):  
CPF:

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Assinatura

Nome (legível):  
CPF: