



eduardo kieling

# CONHECENDO E MIGRANDO PARA O MICROSOFT AZURE



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# EDUARDO KIELING

“Especialista em infraestrutura de TI, possuindo experiência no mercado há mais de 10 anos, atuando em empresas de médio e grande porte. É responsável pelo desenho de soluções, implementação e administração de projetos em diversas tecnologias.”



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#AzureRS

# Microsoft Azure



## Inovação de aplicativos

Acelere a inovação com a nuvem



## Dados e inteligência

Decisões eficientes & apps com recomendações



## Liberdade e flexibilidade

Construa livremente, implemente em qualquer lugar

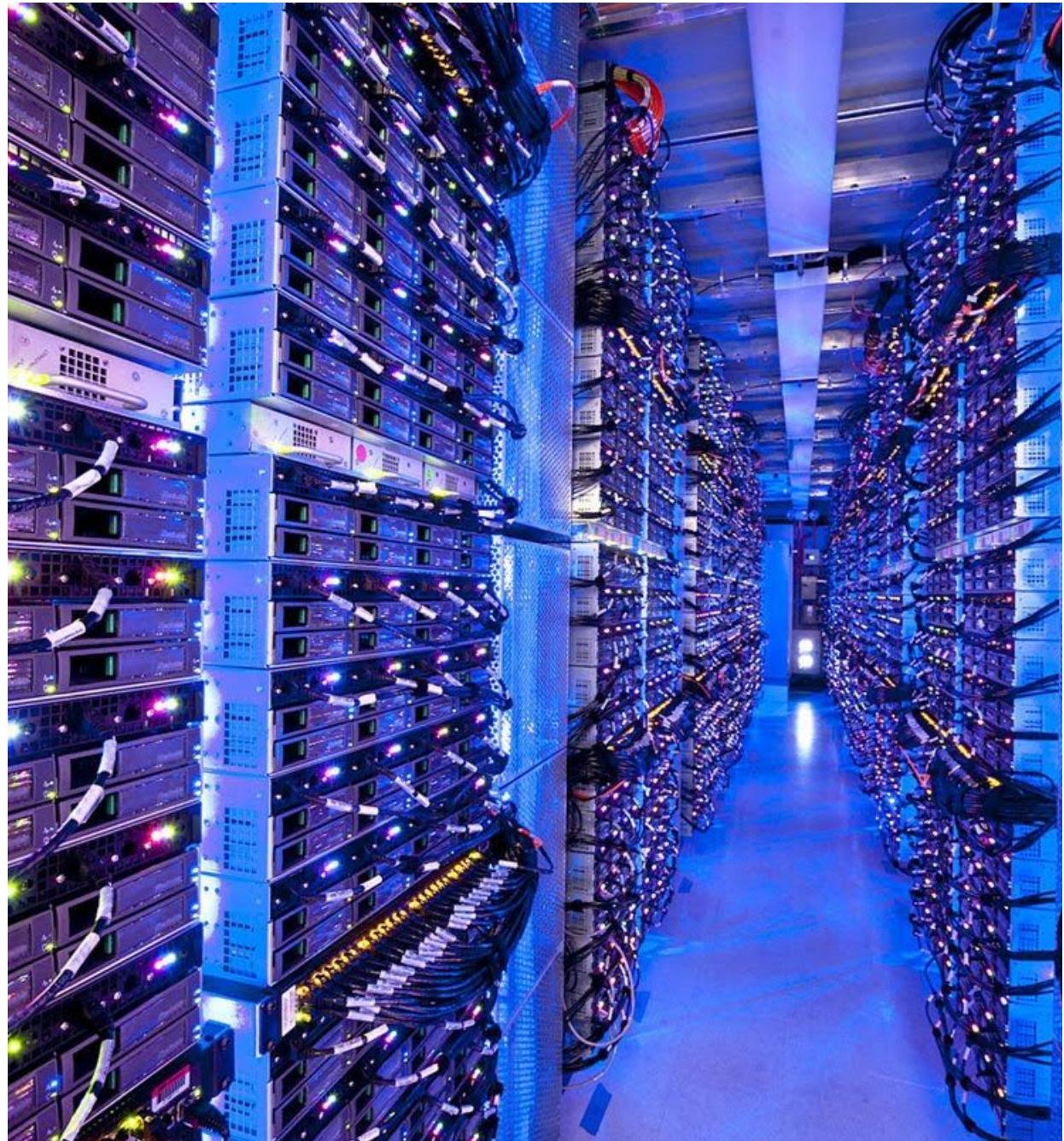


## Segurança

Proteja o seu negócio

#AzureRS





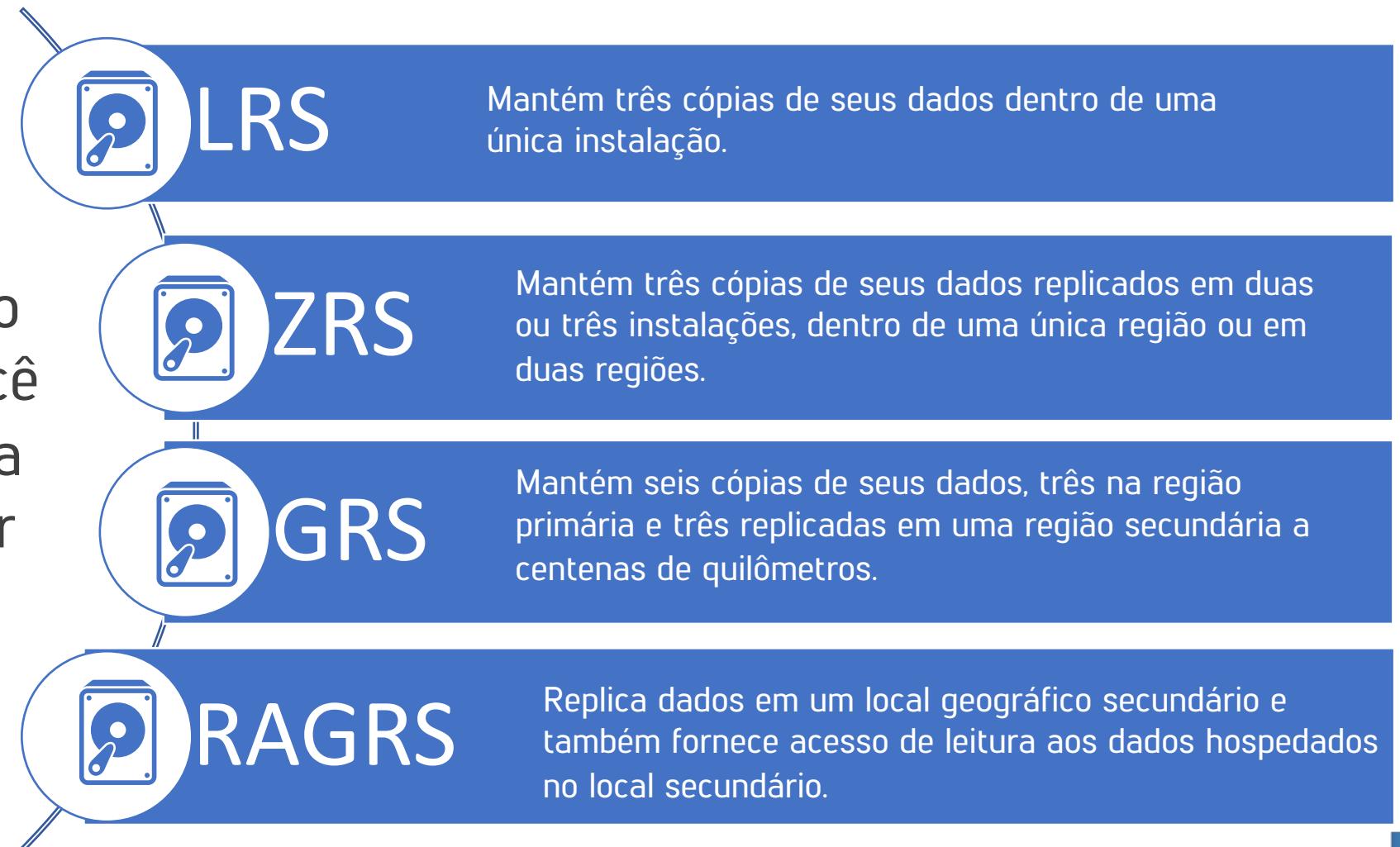
**54** regiões  
mundial **140** disponível em  
140 países





# Replicação de Armazenamento do Azure

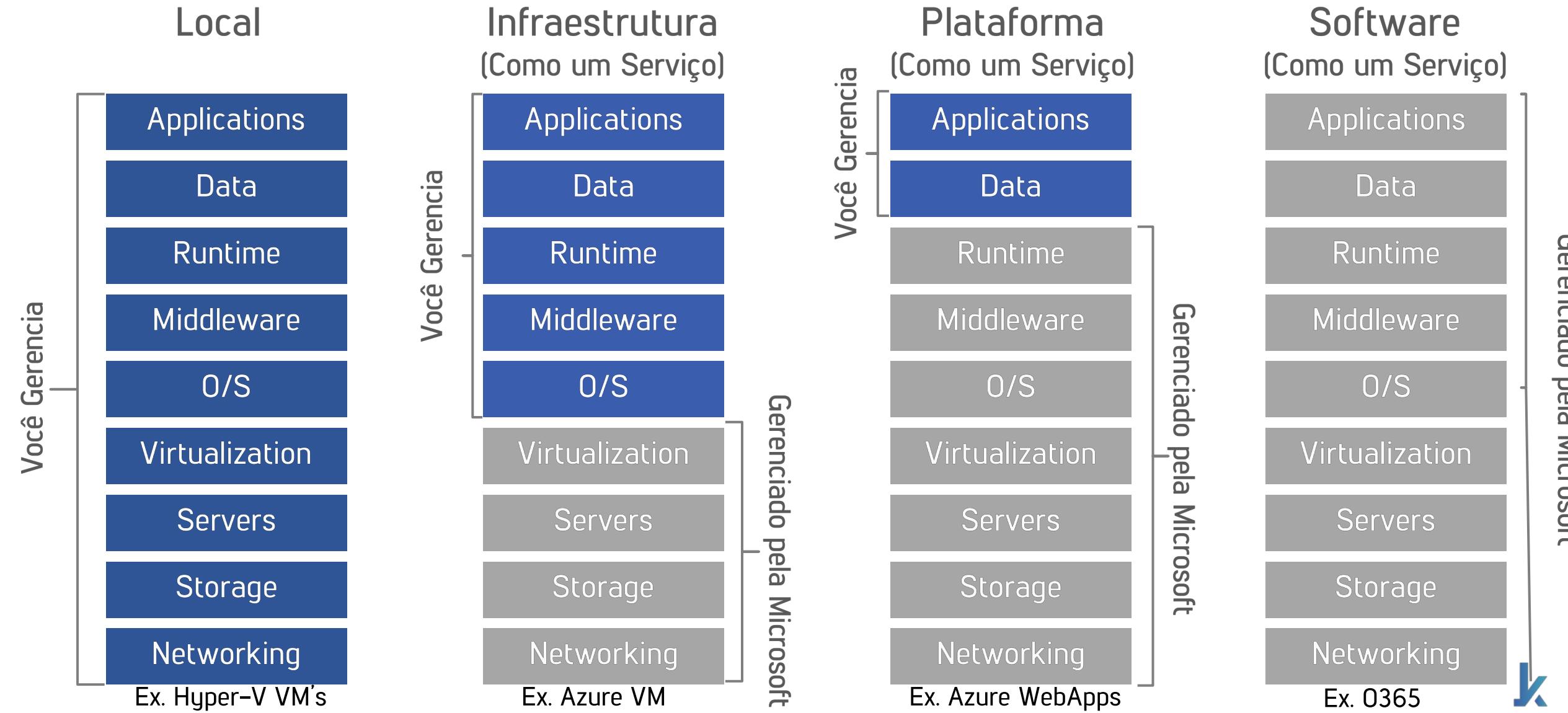
Quando selecionar o armazenamento, você deve selecionar uma das opções a seguir

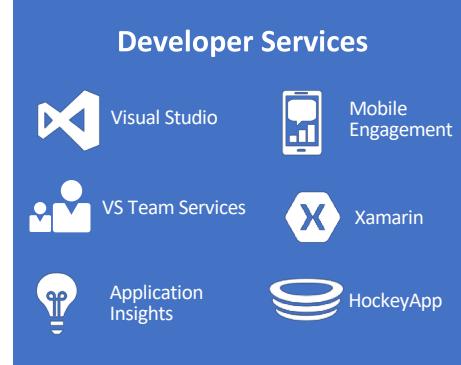
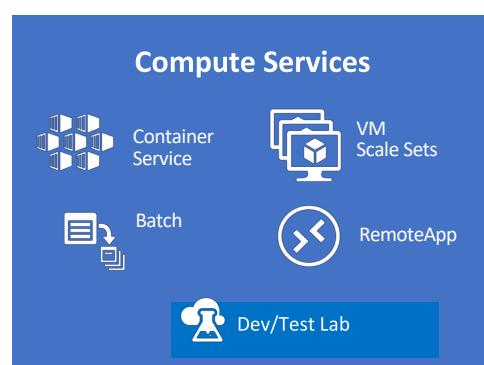
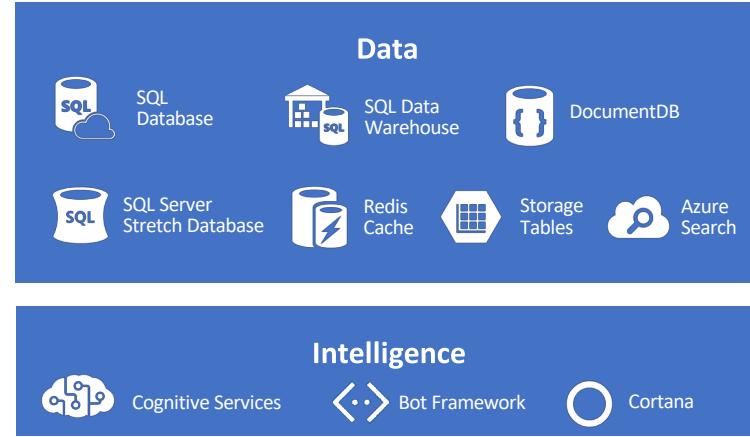
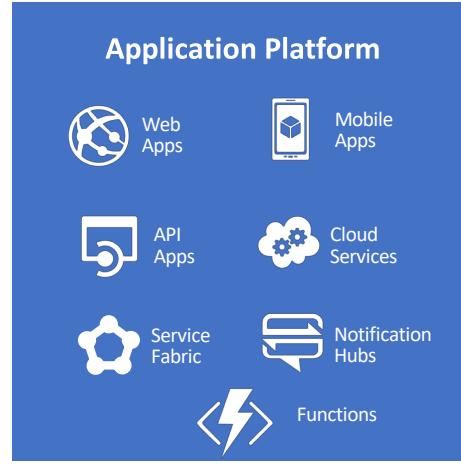
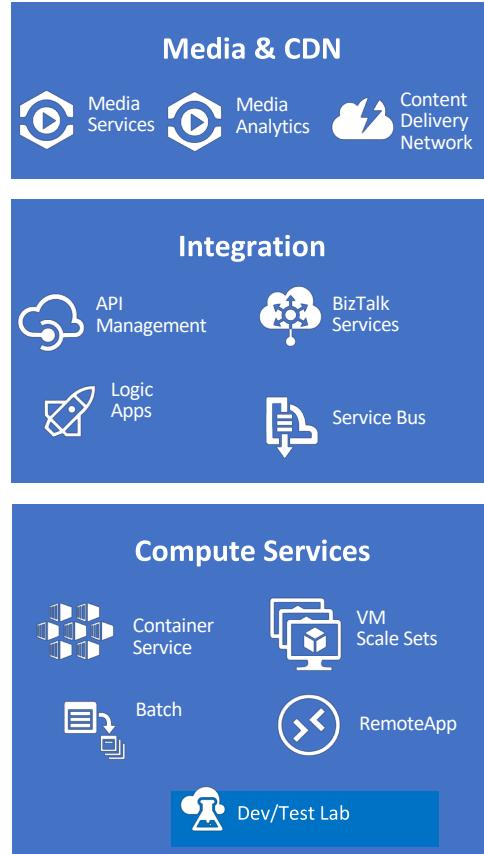
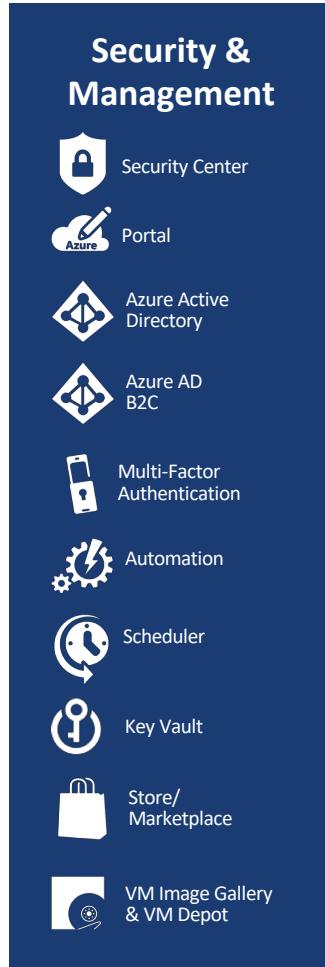


# Fundação confiável

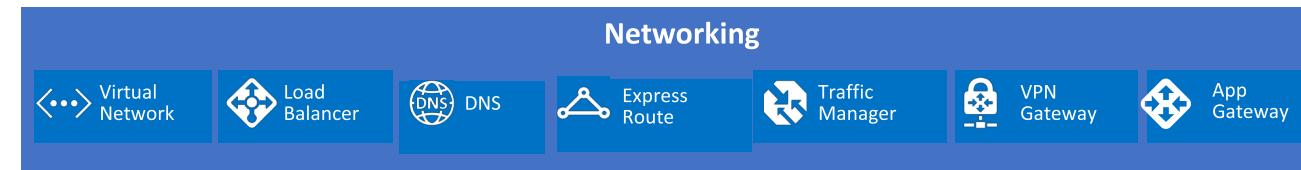
ISO 27001	ISO 27018	ISO 27017	ISO 22301	SOC 1 Type 2	SOC 2 Type 2	SOC 3	CSA STAR Self-Assessment	CSA STAR Certification	CSA STAR Attestation
Moderate JAB P-ATO	High JAB P-ATO	DoD DISA SRG Level 2	DoD DISA SRG Level 4	DoD DISA SRG Level 5	SP 800-171	FIPS 140-2	Section 508 VPAT	ITAR	IRS 1075
PCI DSS Level 1	CDSA	MPAA	FACT UK	Shared Assessments	FISC Japan	HIPAA/HITECH Act	HITRUST	GxP 21 CFR Part 11	MARS-E
Argentina PDPA	EU Model Clauses	UK G-Cloud	China DJCP	China GB 18030	Singapore MTCS	Australia IRAP/CCSL	New Zealand GCIO	Japan My Number Act	ENISA IAF
Japan CS Mark Gold	Spain ENS	Spain DPA	India MeitY	Canada Privacy Laws	Privacy Shield	Germany IT Grundschutz workbook			

# Divisão de Gerenciamento





## Serviços de IAAS



## Datacenter Infrastructure



# Máquinas Virtuais com Azure

- Escolha sua linguagem, carga de trabalho, sistema operacional



- Open Source com muitas opções
- Conectividade híbrida à rede local
- Opções flexíveis:
  - De: 1 vCPU, 1 GB Memória, 32 GB de Armazenamento\*\*\*
  - Para: 128 vCPU (with Standard\_M128s\*\*), 4096 GB Memória , 256 TB (64x 4TB)
- Um único disco com 64TB e 160MIL IOPs!!!
- Paga somente o que consome

# Opções de processamento na plataforma

- “Entry-level” X curva crescimento
- Desligamento automatizado



- Exemplo SAP S/4HANA:

➤ PROD: 24hrs   

➤ QA: 8 hrs em dias de semana

➤ DEV: 8 hrs em dias de semana

Propósito geral de cargas de trabalho



Aplicativos empresariais com intensiva utilização em memória, incluindo o SAP HANA



Memória otimizada para Dev / Test e PoC, incluindo SAP HANA



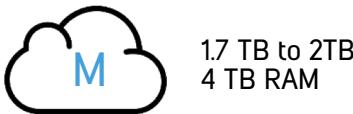
Cargas de trabalho com intensiva utilização gráfica



Lidar com alto desempenho cargas de trabalho de computação incluindo SAP HANA



Otimizado para os maiores aplicativos corporativos, incluindo o SAP HANA



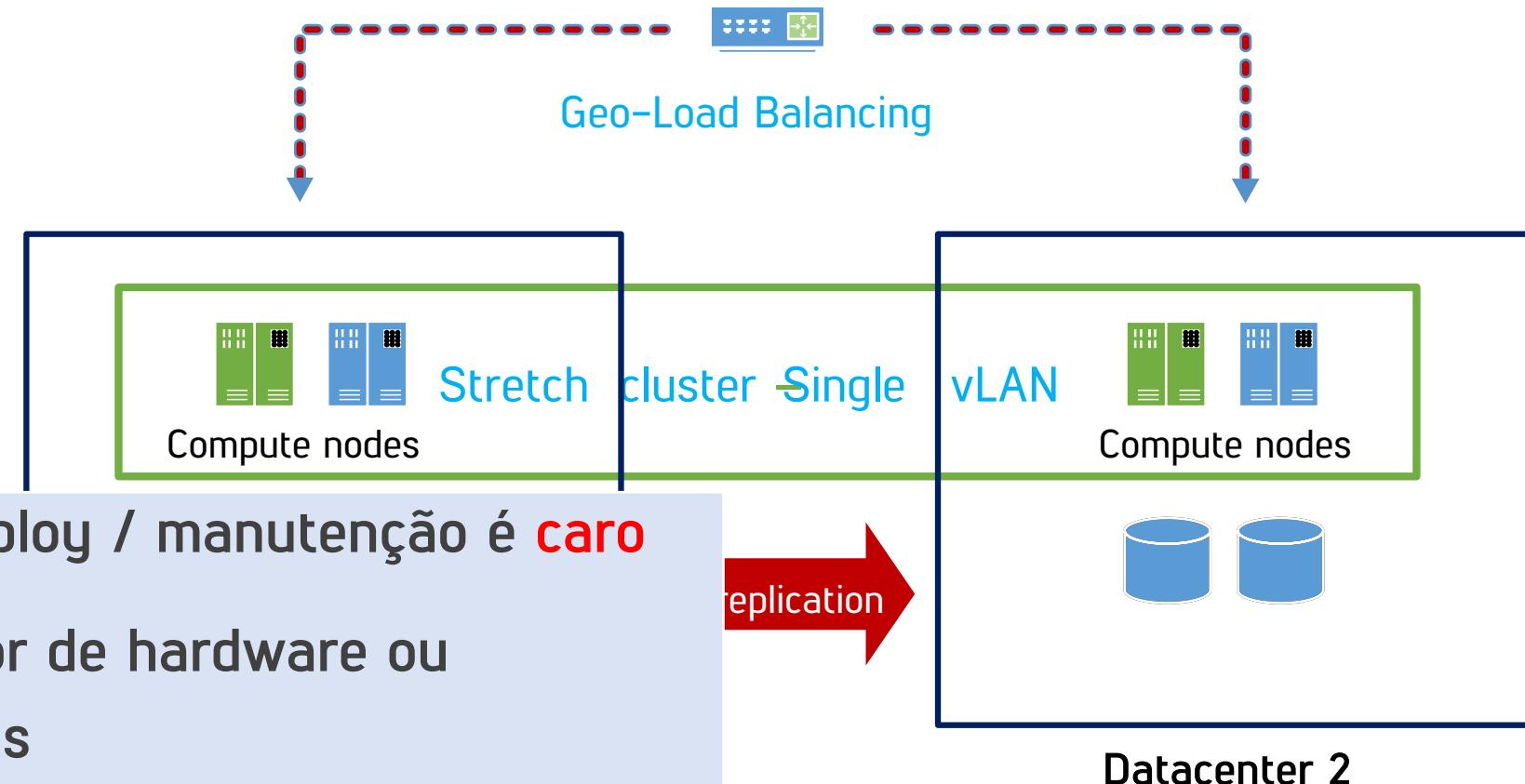
Processamento intenso de cargas de trabalho



# Azure Site Recovery

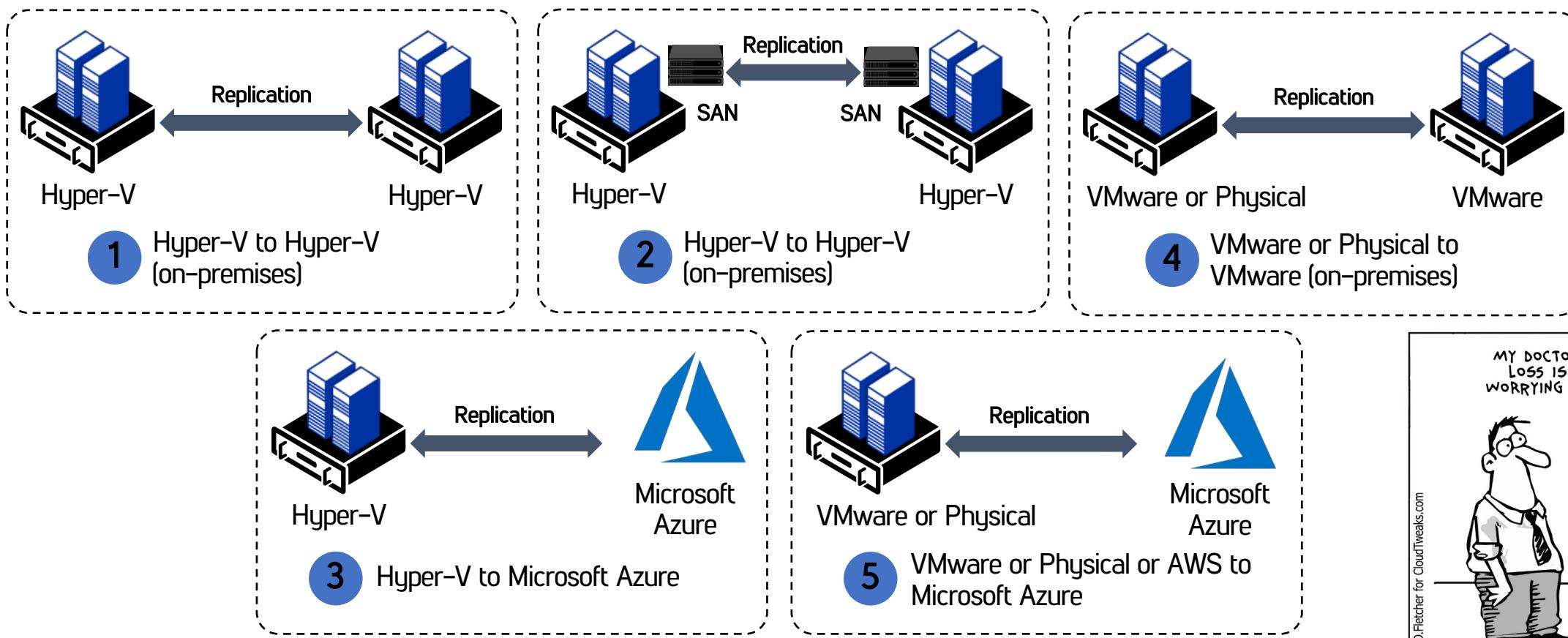
# Soluções de DR familiares...

- Replicação de Storage
- Cluster usando uma única vLAN com uma única range de IP
- Ativo / Passivo
- Failover de Conexão dinâmica Entrada



- Efetivo, contudo o deploy / manutenção é **caro**
- **Amarrado** ao vendedor de hardware ou tecnologias específicas
- **Dificuldade** para fazer um **failover parcial**

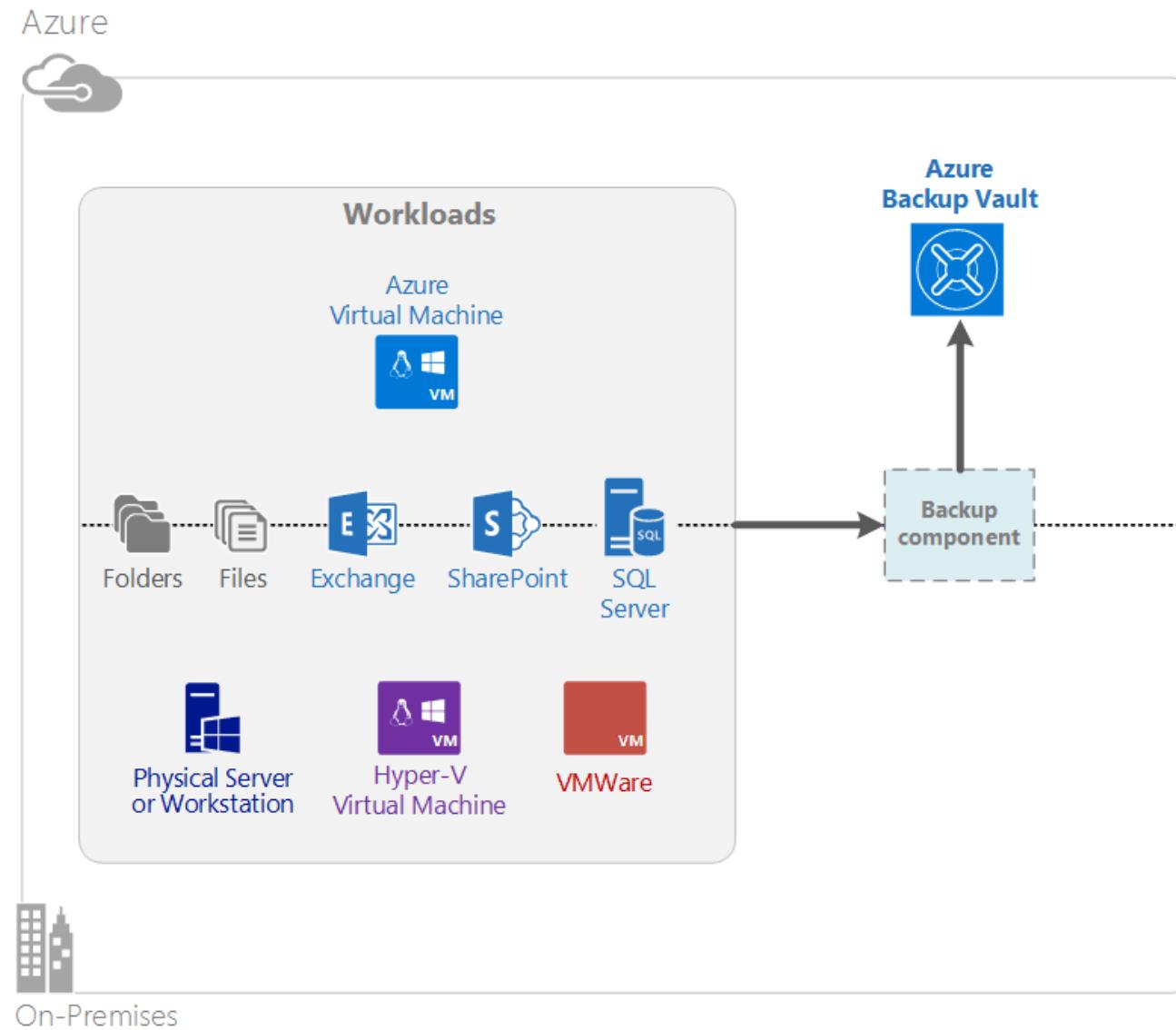
# Azure Site Recovery (ASR)



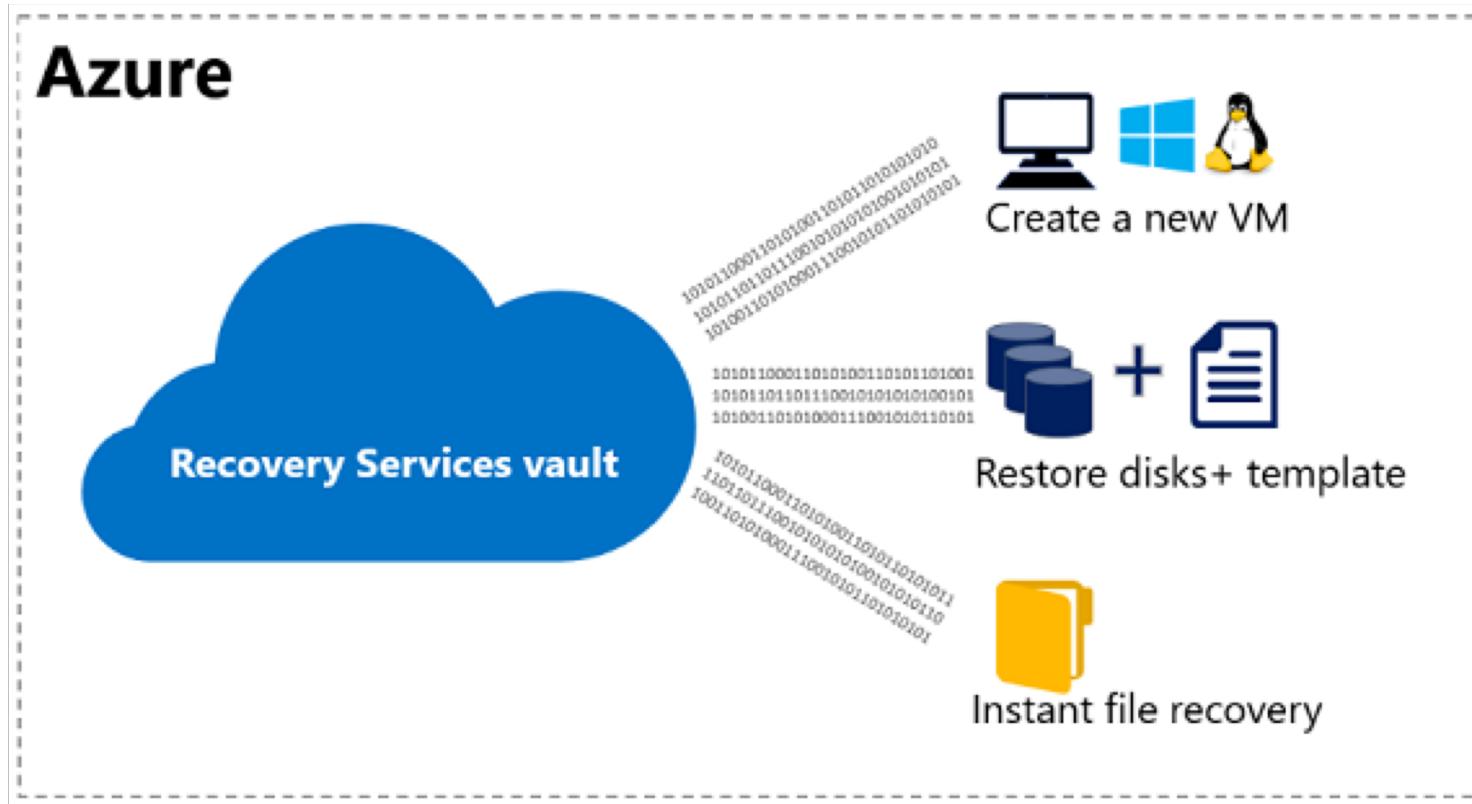
(\*) Em cenários on-premises, ASR é somente um Orquestrador. Nenhum dado é enviado para o Azure.

# Azure Backup

# Backup dos meus Workloads

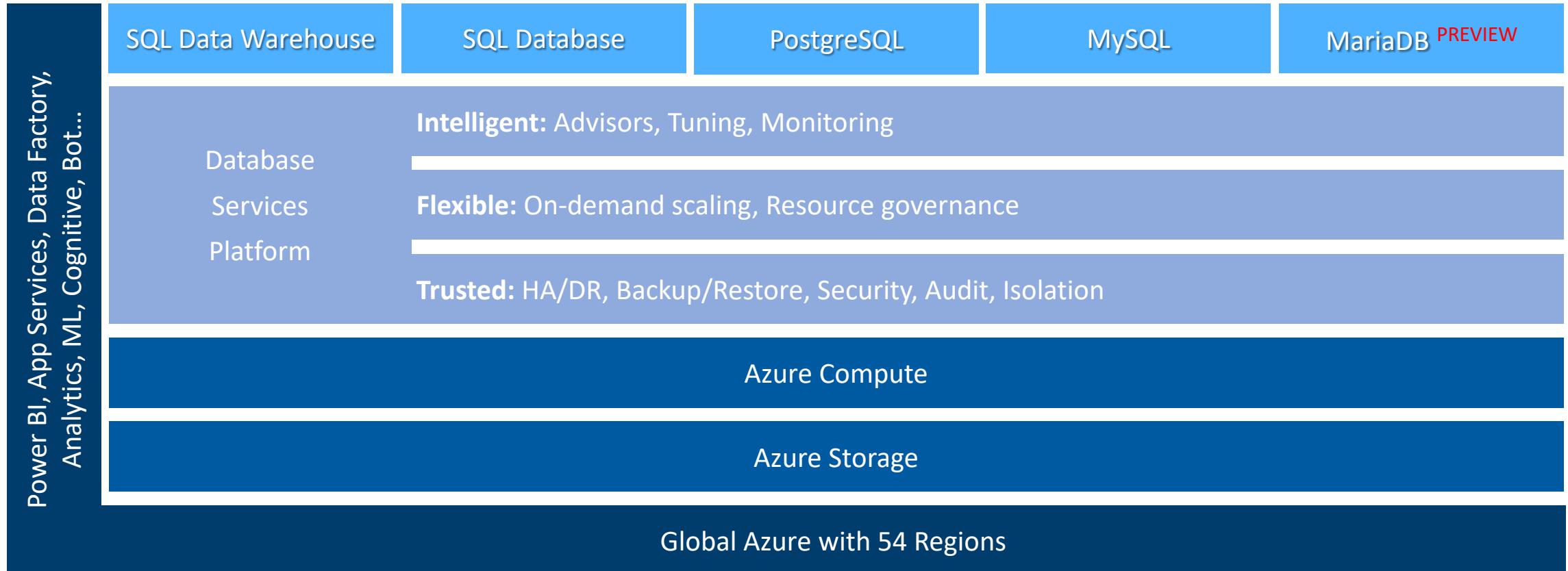


# Restaurando meus Workloads

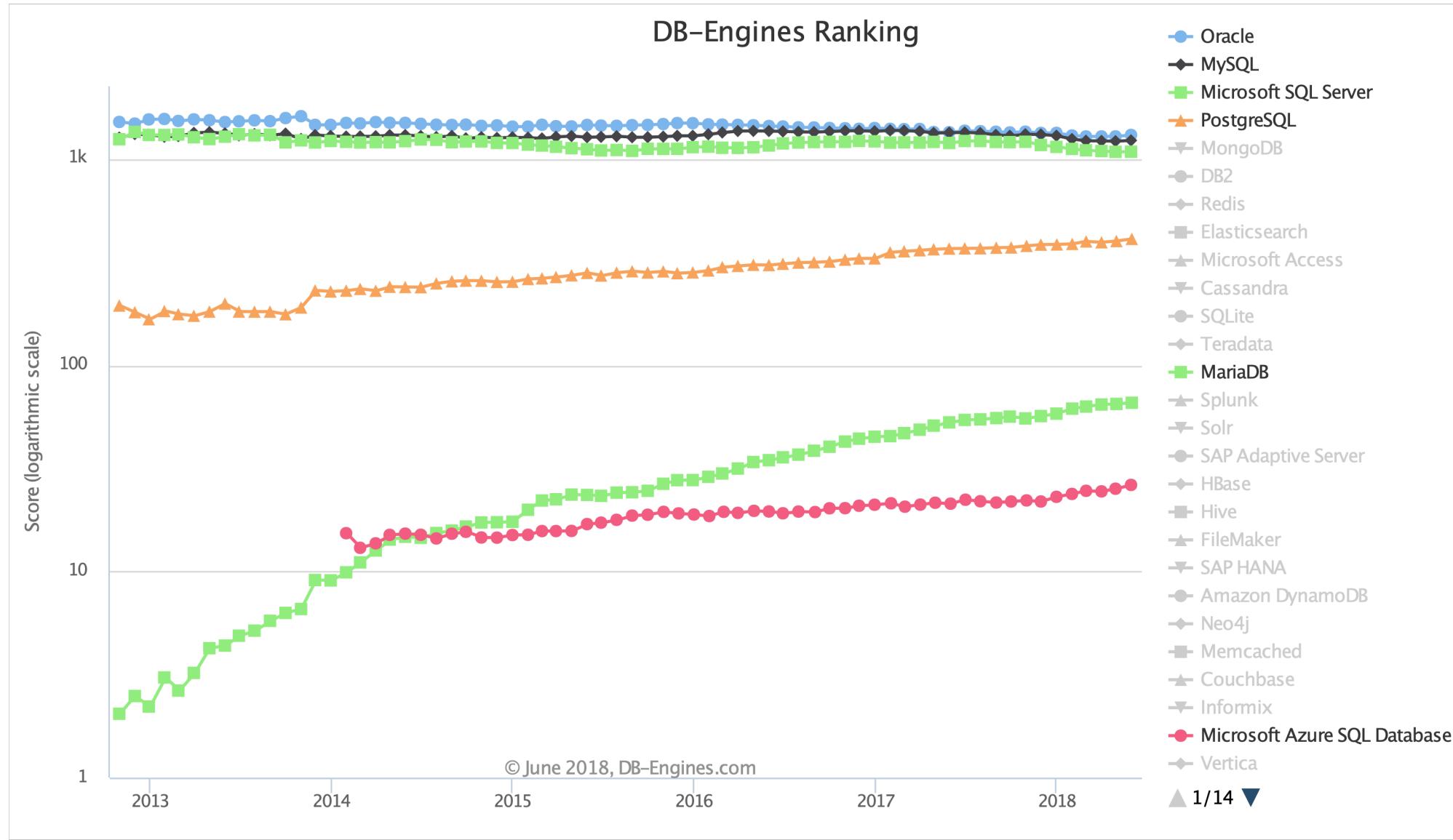


# Azure Data Services

# Azure Relational Database Platform



# Databases On-Premises e Cloud



# Do On-Premises para o Azure

A screenshot of a Microsoft Edge browser window displaying the Microsoft Azure Marketplace. The URL in the address bar is [https://portal.azure.com/#blade/Microsoft\\_Azure\\_Marketplace/GalleryFeaturedMenuItem](https://portal.azure.com/#blade/Microsoft_Azure_Marketplace/GalleryFeaturedMenuItem). The main content area shows the details for "Oracle Database 12.2.0.1 Enterprise Edition" by Oracle. The description states: "Oracle Database 12c Enterprise Edition (12.2.0.1) is a next-generation database designed for the cloud. It offers more than 500 new features including a new multitenant architecture that simplifies consolidating databases onto the cloud and enables customers to manage many databases as one without changing their applications. Customers can choose a wide range of Oracle Database Enterprise Edition options to deliver on business users' performance, security, big data, cloud, and availability service-level expectations." A red box highlights a note: "This image is a Bring-Your-Own-License image that assumes you have already procured the appropriate licenses with Oracle and are properly licensed to run this image in Microsoft Azure." Below this, a link to "Legal Terms" is visible. At the bottom, a note states: "By clicking the Create button, I acknowledge that I am getting this software from Oracle and that the [legal terms](#) of Oracle apply to it. Microsoft does not provide rights for third-party software. Also see the [privacy statement](#) from Oracle." The left sidebar shows other marketplace categories like "FORNECEDOR" and "CATEGORIA".



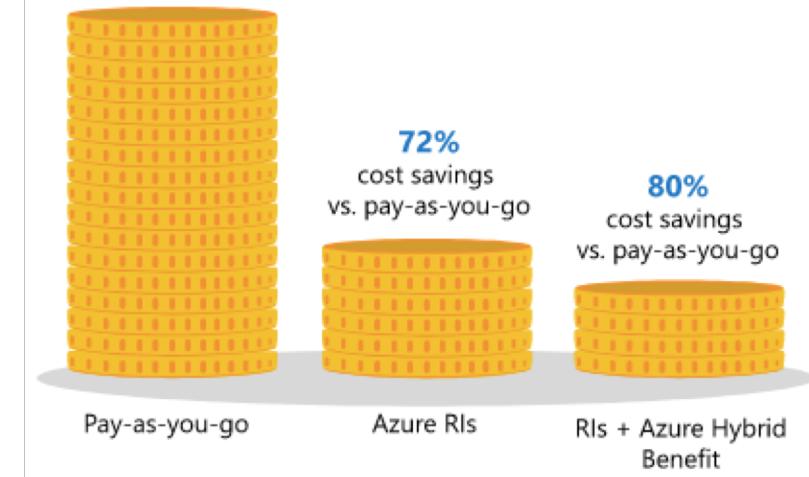
# Instâncias de VMS Reservadas

- Economize até 80%
- Pagamento UpFront (1 ano / 2 anos / 3 anos)

## Tem Software Assurance?

- Ganhe licenças de SQL Grátis em troca da sua Oracle, IBM DB2, Sybase ou banco de dados Netezza
- Economize até 40% com licenças Windows Server

Save up to **80%** with RIs and Azure Hybrid Benefit



#AzureRS

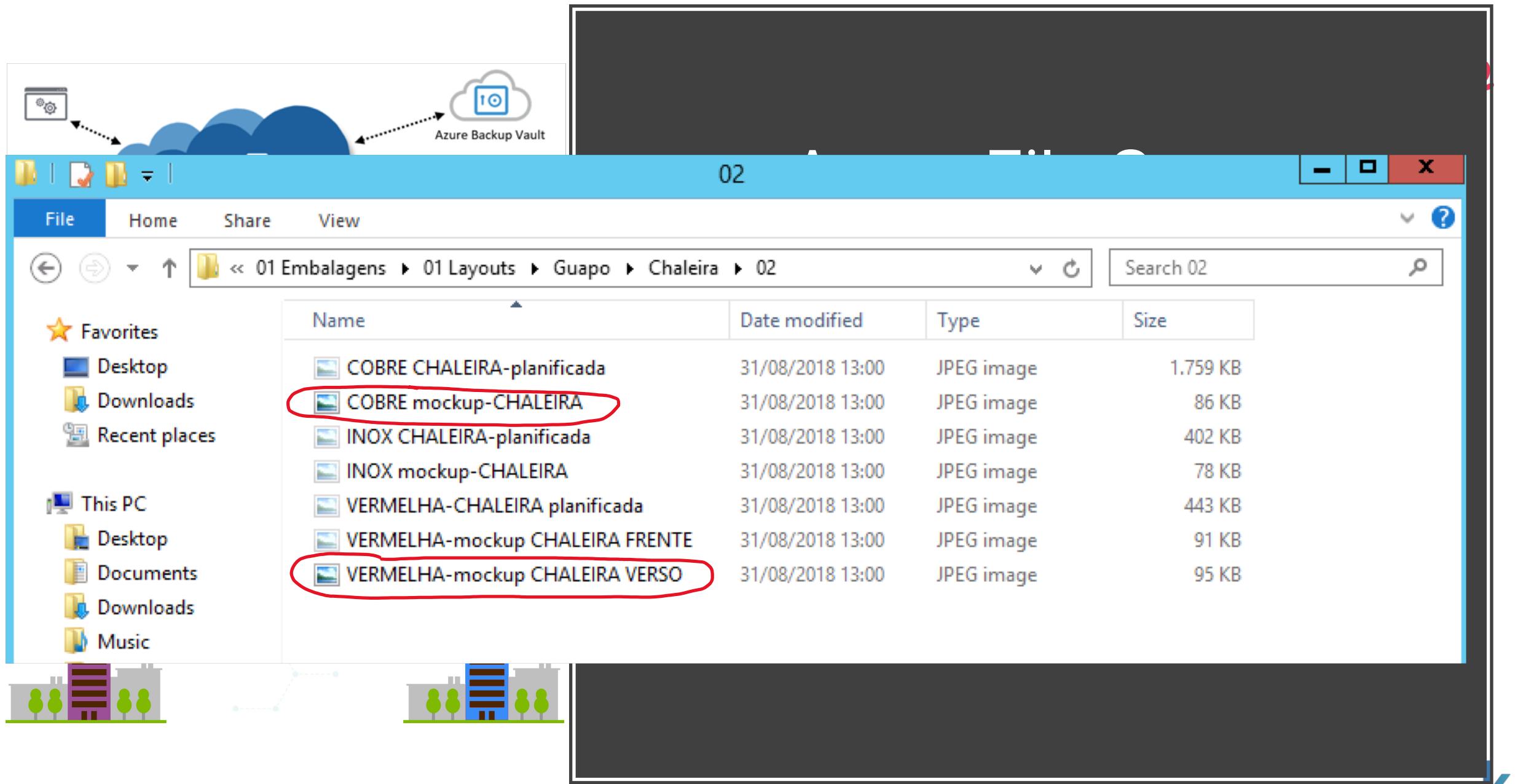


# Economizando ainda mais...



**NO AZURE NÃO É NECESSÁRIO ADQUIRIR CAL DE  
ACESSO!!!**

# Azure File Sync



# Caminho para Nuvem

Ambiente Local





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# OBRIGADO!!



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