



eduardo kieling

meetup

CONHECENDO E MIGRANDO PARA O MICROSOFT AZURE



eduardokieling.com



@edukieling



[/eduardokieling](#)



eduardokieling



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.”



eduardokieling.com



[@eduardokieling](https://twitter.com/eduardokieling)



[in/eduardokieling](https://www.linkedin.com/in/eduardokieling)



[eduardokieling](https://github.com/eduardokieling)



Microsoft Azure



Inovação de aplicativos

Acelere a inovação com a nuvem



Dados e inteligência

Decisões eficientes & apps com recomendações



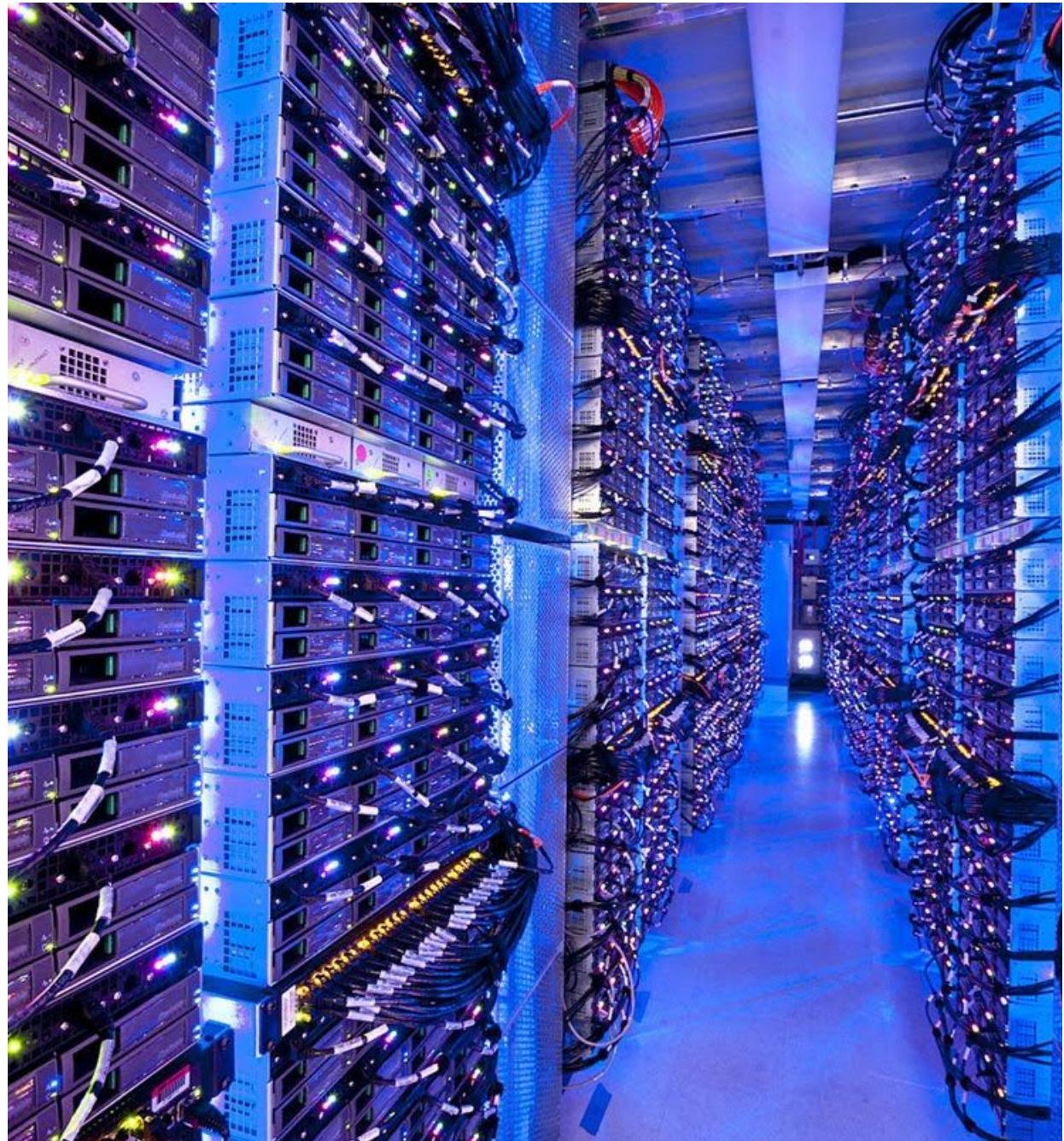
Liberdade e flexibilidade

Construa livremente, implemente em qualquer lugar



Segurança

Proteja o seu negócio



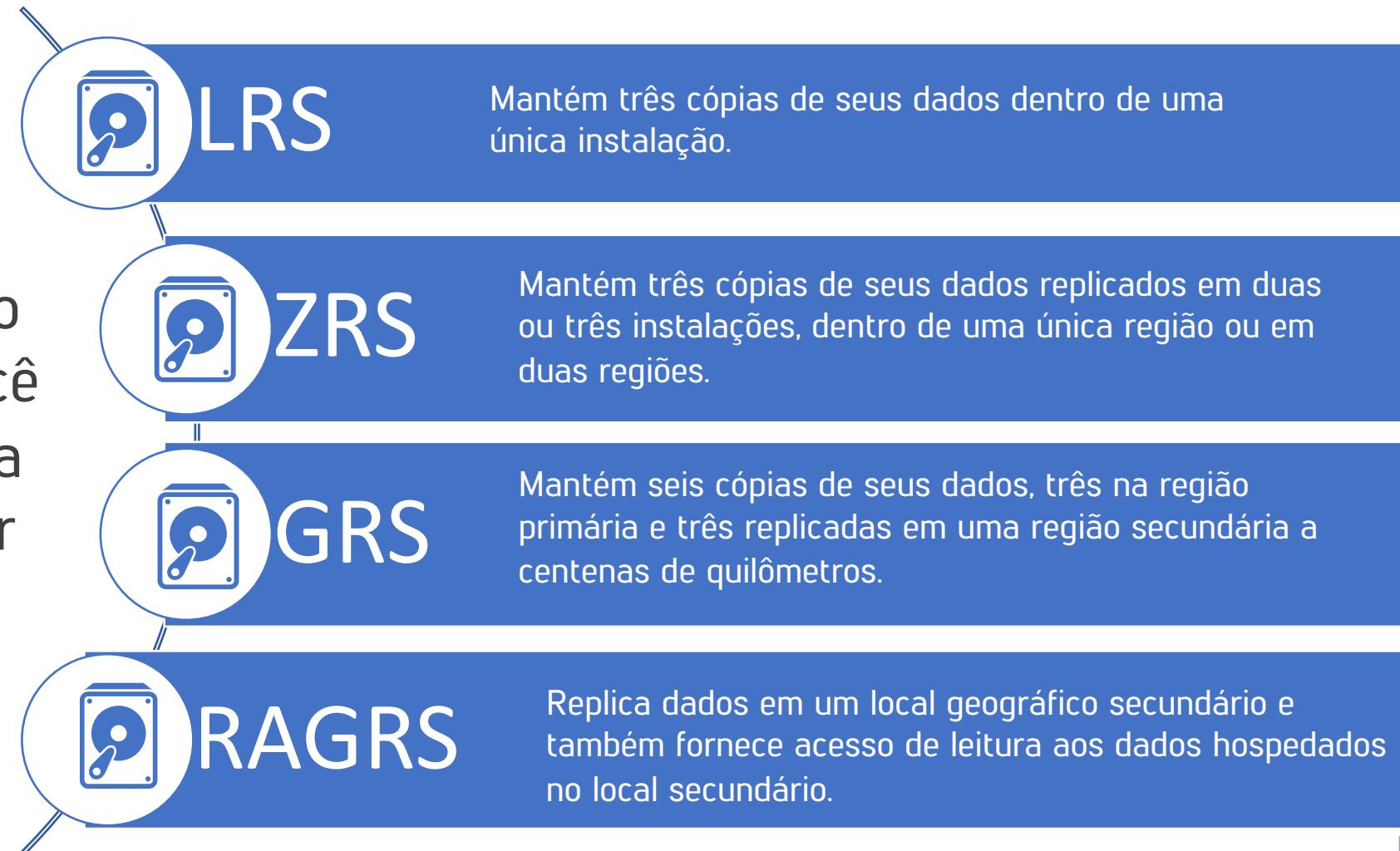
54 regiões
mundial **140** disponível em
140 países



Replicação de Armazenamento do Azure

AZURE RS
Meetup

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



Fundação confiável

AZURE RS

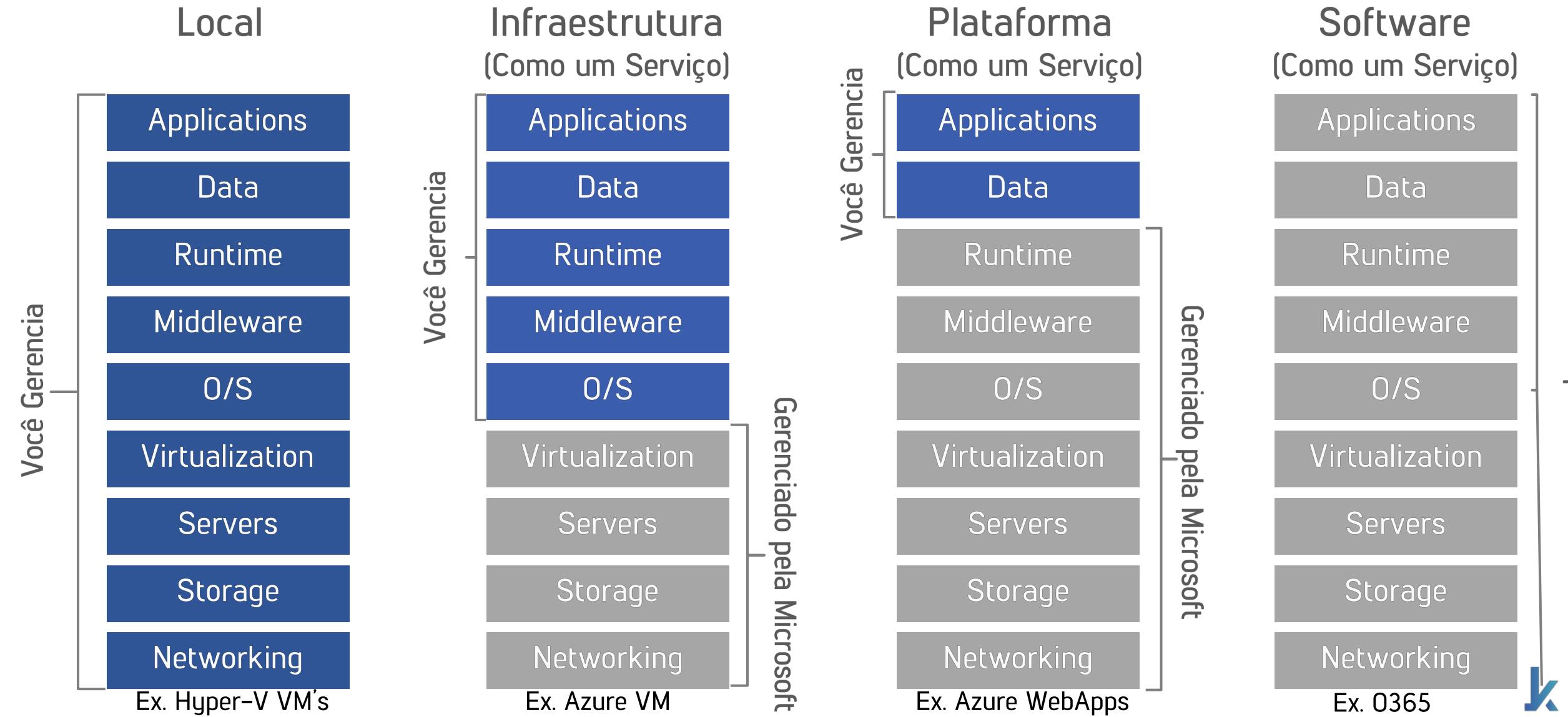
meetup

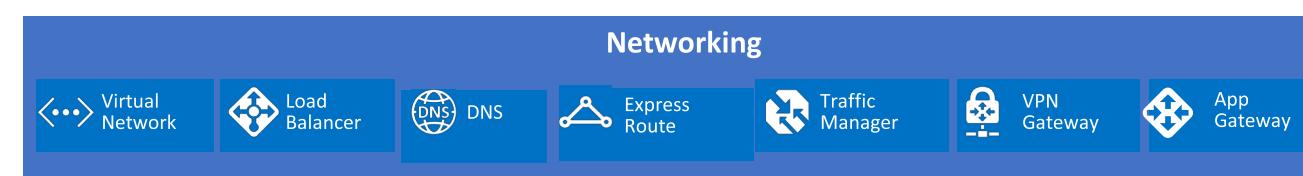
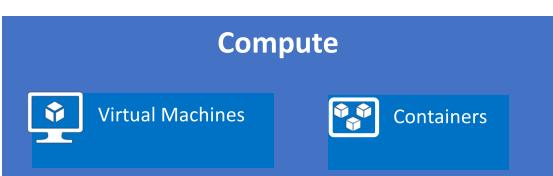
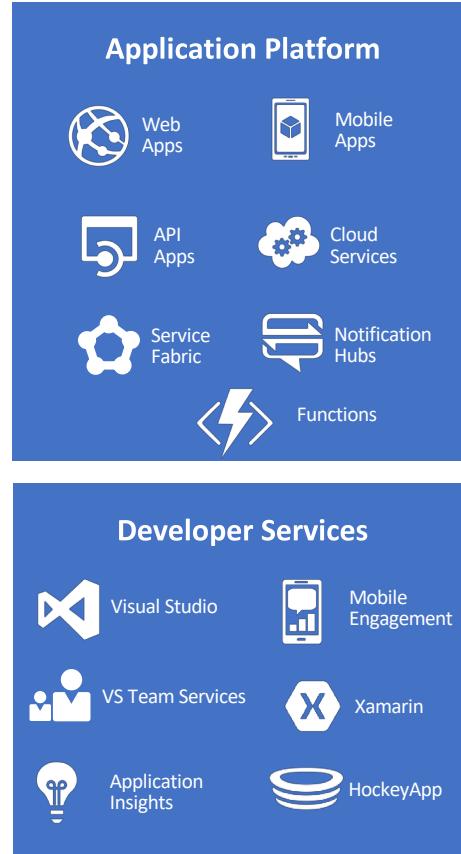
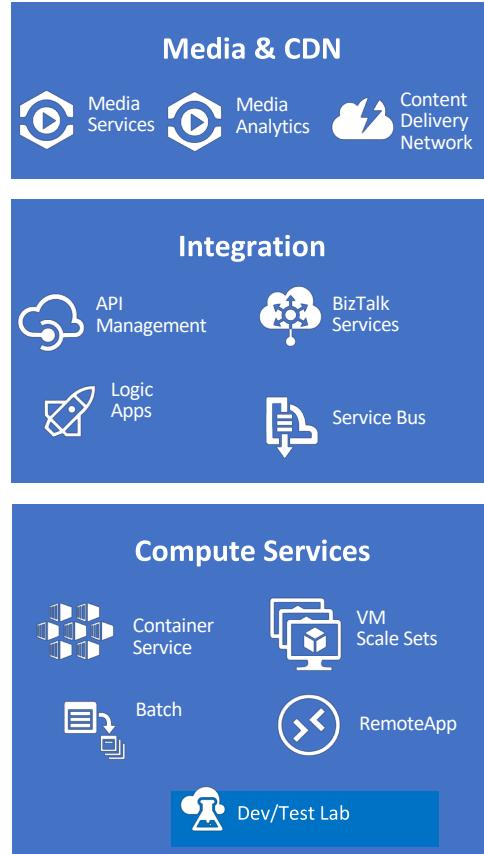
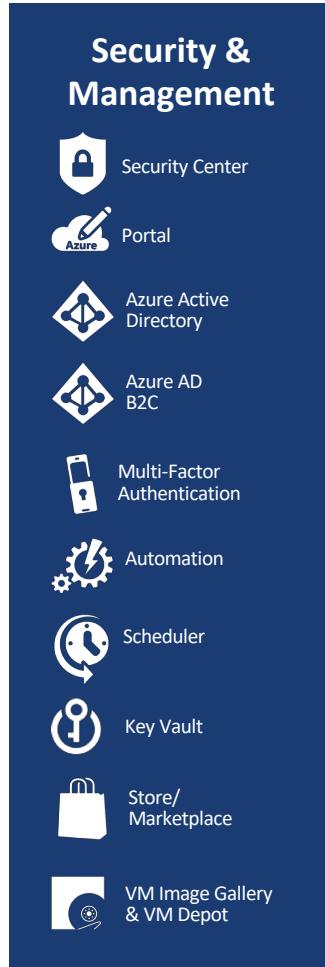
ISO 27001	ISO 27018	ISO 27017	ISO 22301	SOC 1 Type 2	SOC 2 Type 2	SOC 3	CSA STAR Self-Assessment	CSA STAR Certification	CSA STAR Attestation
Moderate JAB P-ATO	High JAB P-ATO	DoD DISA SRG Level 2	DoD DISA SRG Level 4	DoD DISA SRG Level 5	SP 800-171	FIPS 140-2	Section 508 VPAT	ITAR	IRS 1075
PCI DSS Level 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			

#AzureRS



Divisão de Gerenciamento





Datacenter Infrastructure



Máquinas Virtuais com Azure

AZURE RS
meetup

- Escolha sua linguagem, carga de trabalho, sistema operacional



IBM

ORACLE



SAP®



- 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

- Open Source com muitas opções

#AzureRS



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

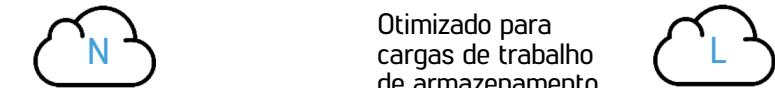


Memória otimizada para Dev / Test e PoC, incluindo SAP HANA



Cargas de trabalho com intensiva utilização gráfica

Otimizado para cargas de trabalho de armazenamento



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



Otimizado para os maiores aplicativos corporativos, incluindo o SAP HANA

1.7 TB to 2TB
4 TB RAM

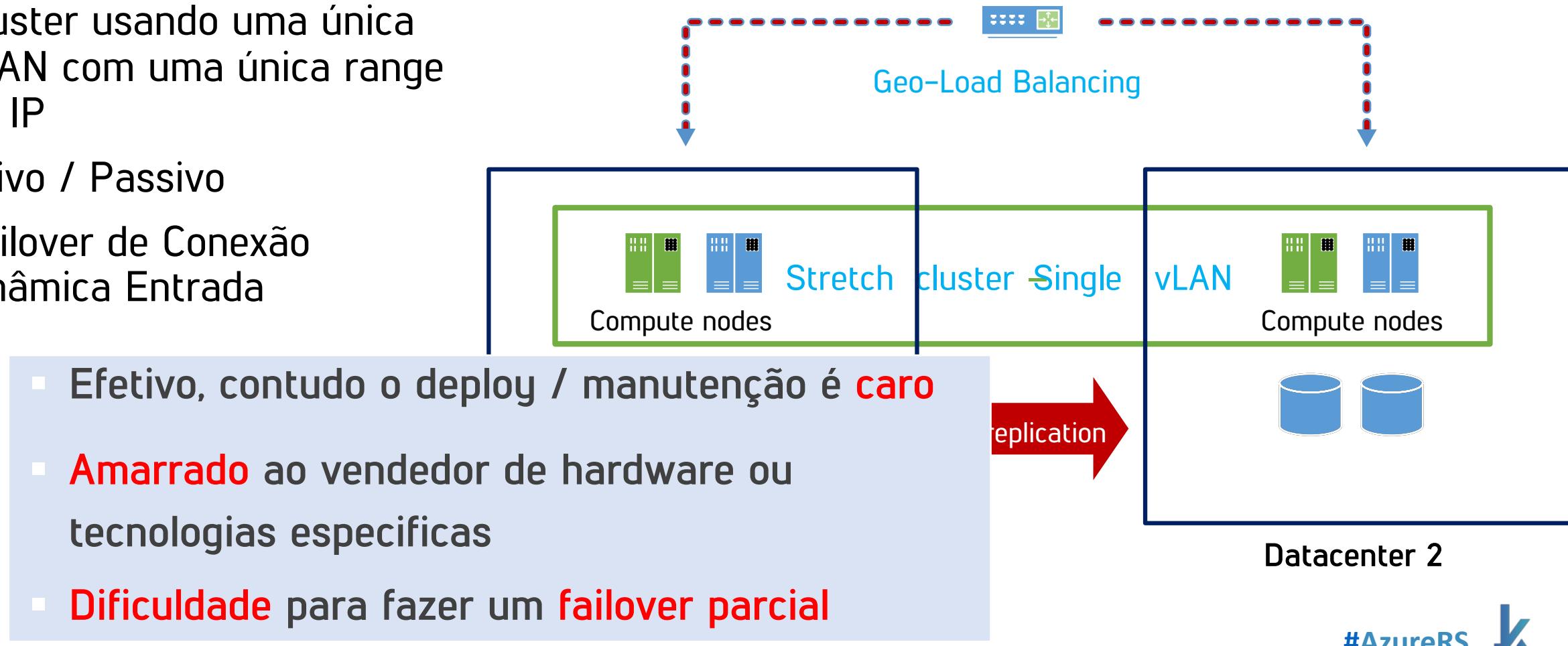


Processamento intenso de cargas de trabalho

Azure Site Recovery

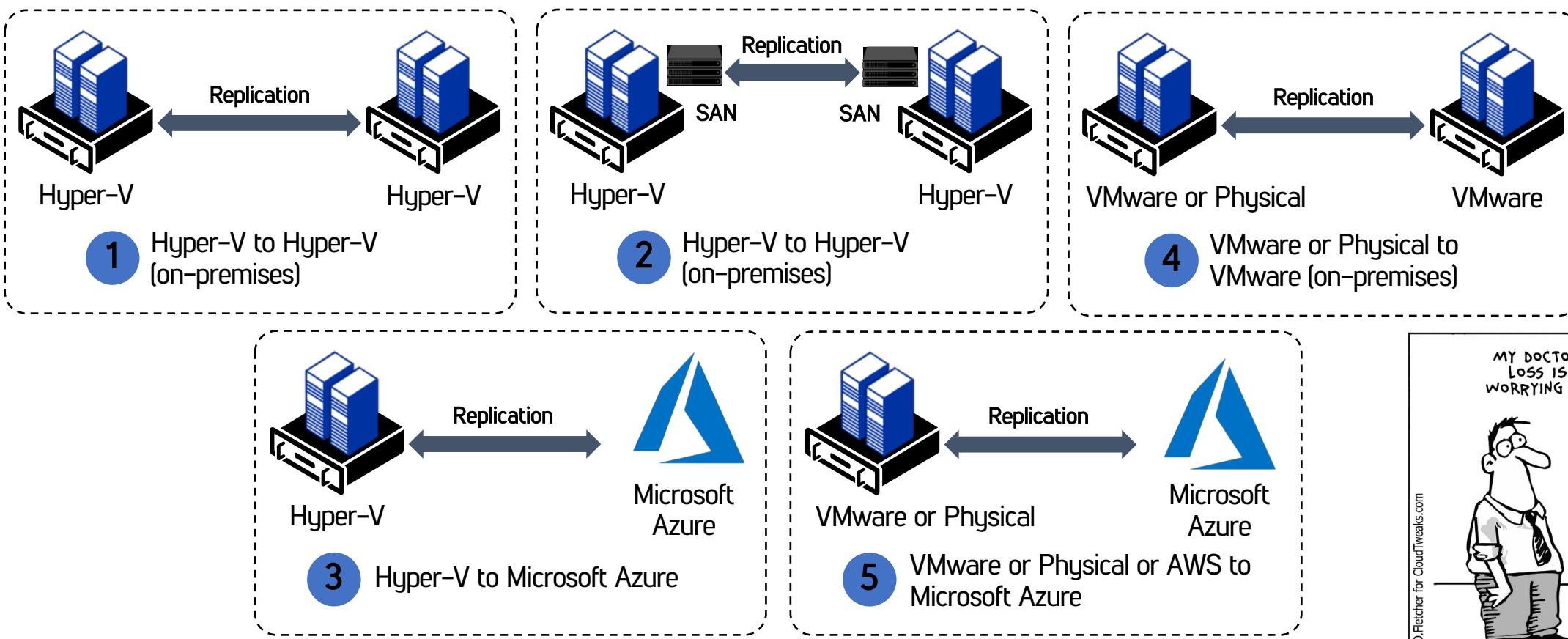
Soluções de DR familiares...

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



Azure Site Recovery (ASR)

AZURE RS
meetup

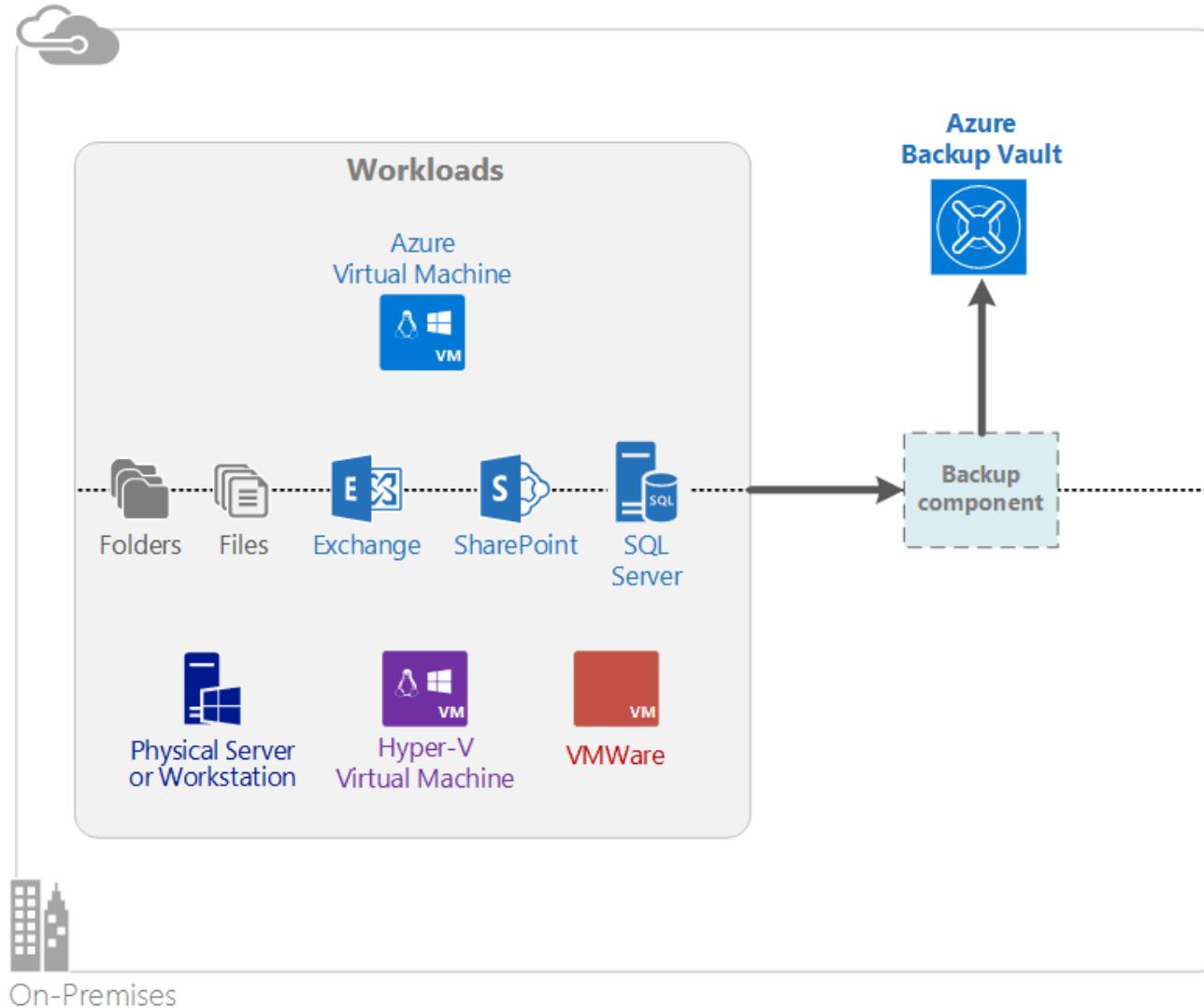


(*) Em cenários on-premises, ASR é somente um Orquestrador. Nenhum dado é enviado para o Azure.

Azure Backup

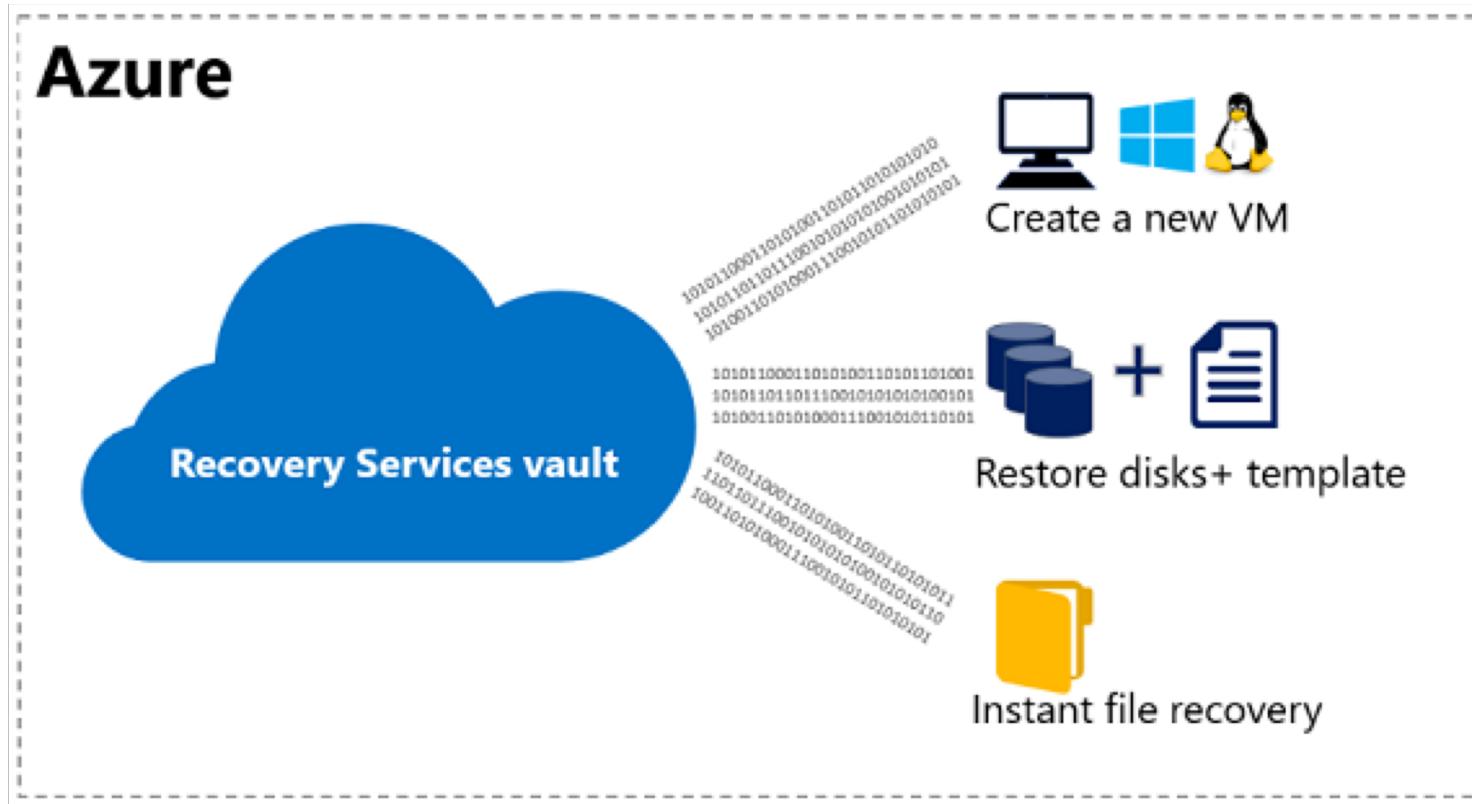
Backup dos meus Workloads

Azure



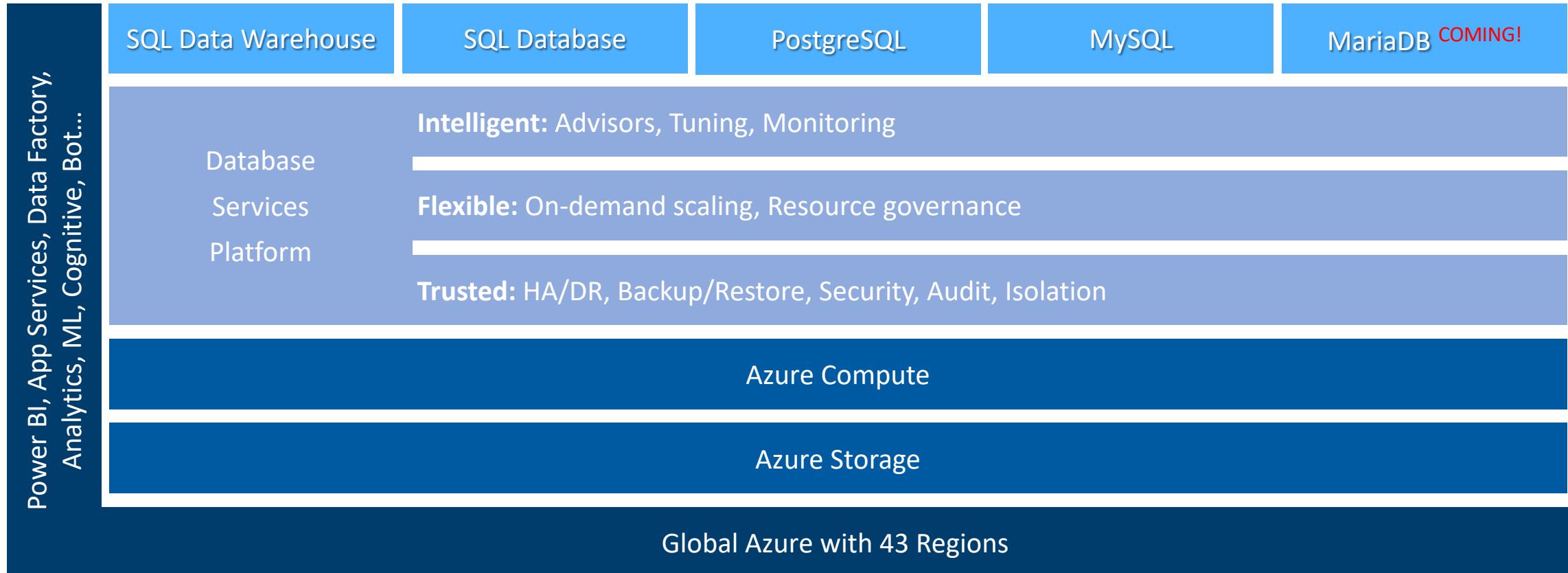
Restaurando meus Workloads

AZURE RS
Meetup



Azure Data Services

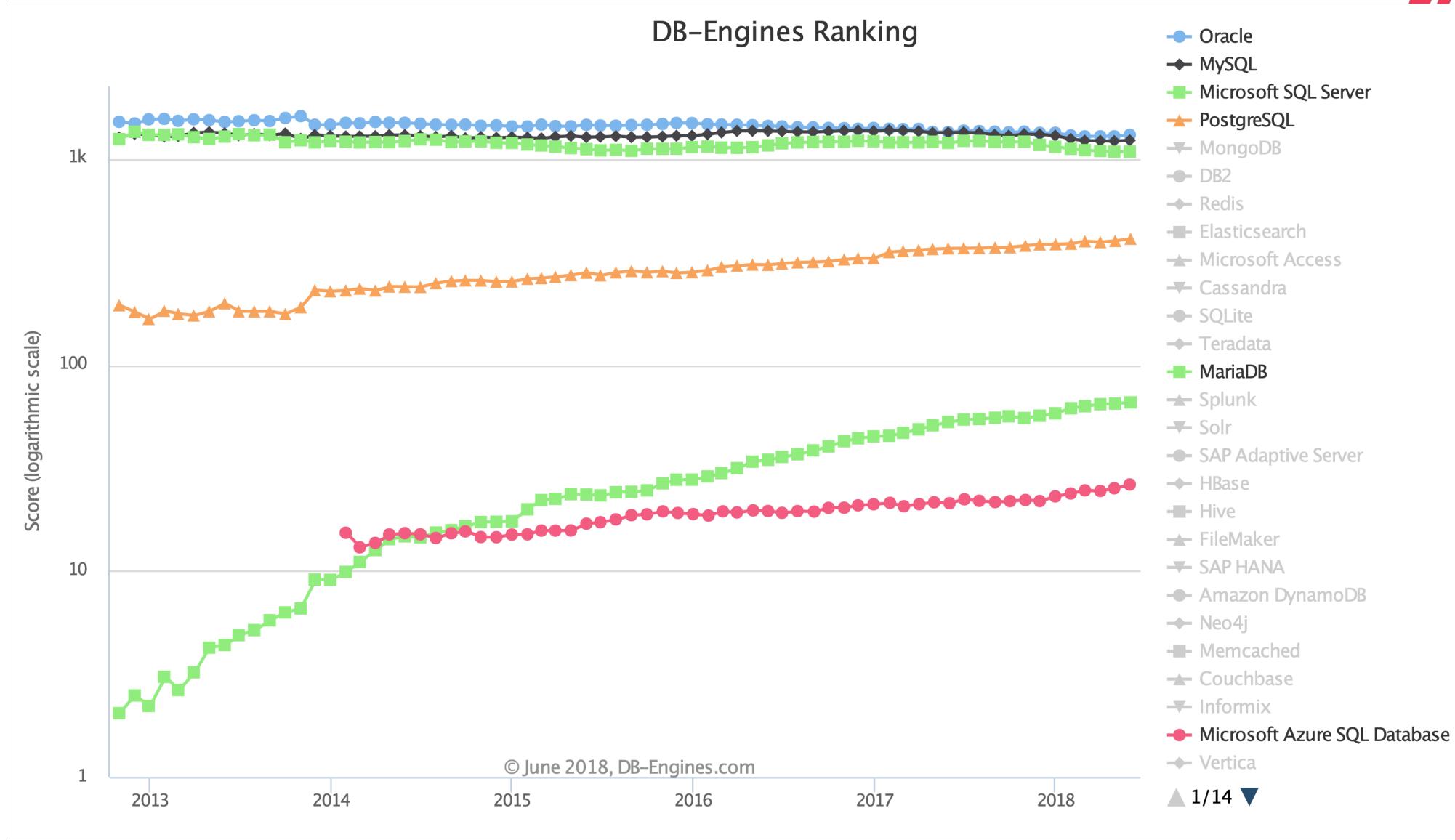
Azure Relational Database Platform



Databases On-Premises e Cloud

AZURE RS

meetup



#AzureRS



Do On-Premises para o Azure

The screenshot shows 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. The page title is "Oracle Database 12.2.0.1 Enterprise Edition". The main content area displays the product details for Oracle Database 12.2.0.1 Enterprise Edition, including its description, legal terms, and a note about Bring-Your-Own-License. The sidebar on the left lists various service categories like Compute, Storage, and Network.

Microsoft Azure

Página inicial > Everything > Oracle Database 12.2.0.1 Enterprise Edition

Oracle Database 12.2.0.1 Enterprise Edition

Oracle

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.

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.

Legal Terms

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.

Caminho para Nuvem

AZURE RS
meetup

Ambiente Local

APP

Dados

Infraestrutura

Migração e Modernização

ReHospedar

ReFabricar

ReArquitetar

Nuvem-nativo

Reconstruir/Novo

SaaS

Substituir



Máquinas Virtuais



Containers



APP, Dado & Serviços IA

Segurança | Gerenciamento

#AzureRS





eduardo kieling

meetup

OBRIGADO!!



eduardokieling.com



@edukieling



/eduardokieling



eduardokieling