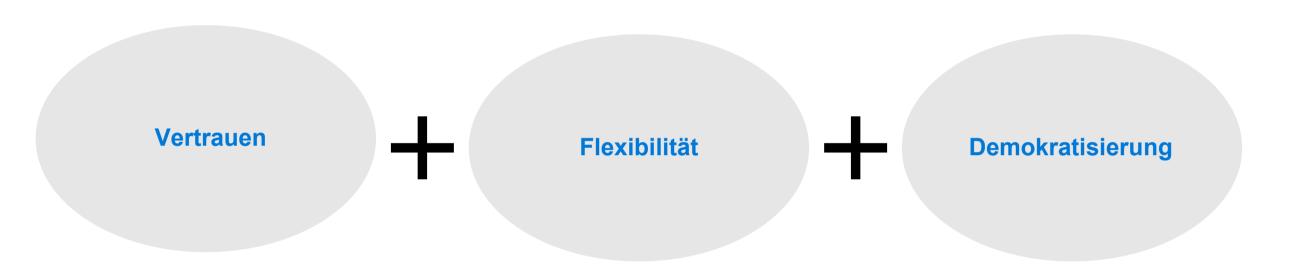




Microsoft Azure

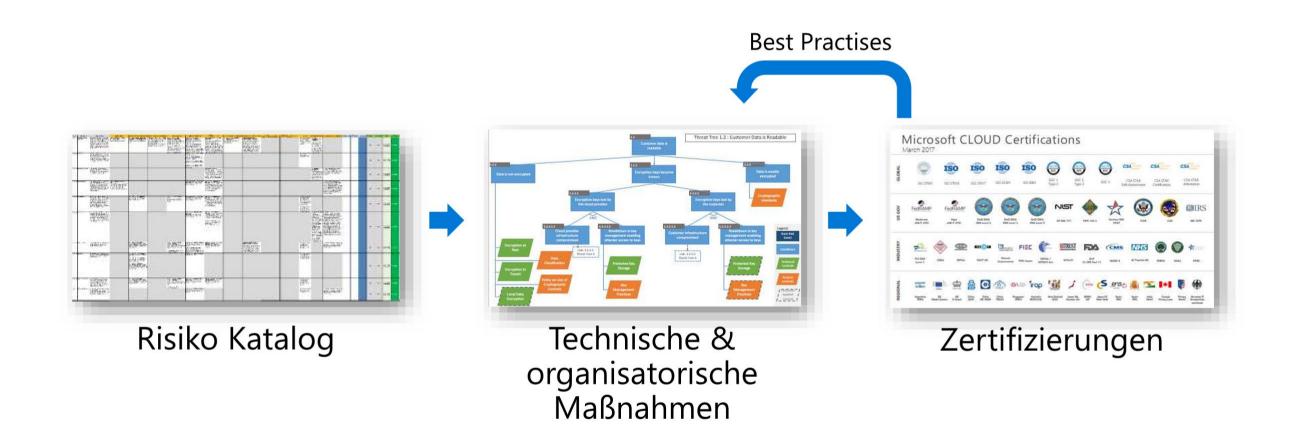
Roland Gradl Business Group Lead Cloud & Enterprise – Microsoft

Microsoft Azure Grundsätze



© Microsoft Corporation

Service Trust Framework



https://servicetrust.microsoft.com

© Microsoft Corporation Azure

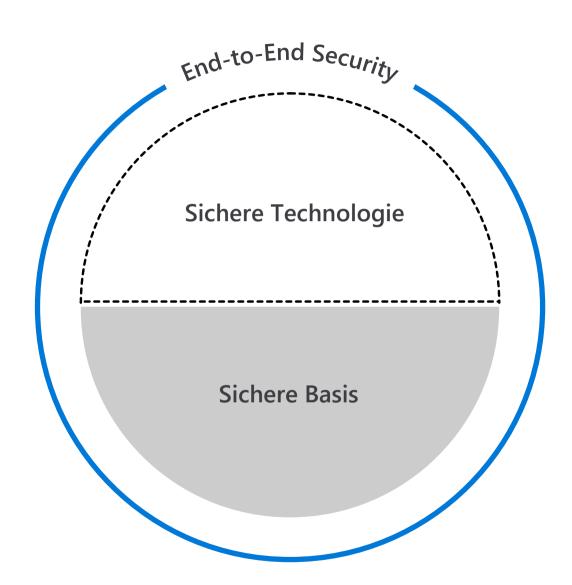
90+ Complianceangebote

ISO ISO ISO GLOBAL AICPA SOC SOC CSA security CSA CSA security CSA STAR CSA STAR CSA STAR ISO 27001 ISO 27018 ISO 27017 ISO 22301 SOC 1 Type 2 SOC 2 Type 2 SOC 3 Attestation Self-Assessment Certification FedRAMP 劉IRS US GOV FedRAMP NIST Moderate High Section 508 DoD DISA DoD DISA DoD DISA FIPS 140-2 SP 800-171 IRS 1075 JAB P-ATO **VPAT** JAB P-ATO ITAR CJIS SRG Level 2 SRG Level 4 SRG Level 5 INDUSTRY SHARED ASSESSMENTS **HITRUST** NHS FIEC FACT CMS PCI DSS Shared HIPAA / GxP CDSA **MPAA FACT UK** HITRUST IG Toolkit UK FISC Japan MARS-E FERPA GLBA FFIEC Assessments Level 1 21 CFR Part 11 HITECH Act TRUCS enisa S enso 🎎 💽 🙌 REGIONAL ESI Privacy EU UK China China Singapore **ENISA** Argentina China Australia New Zealand Japan My Japan CS Spain Spain India Canada Germany IT ENS DPA PDPA Model Clauses G-Cloud DJCP GB 18030 TRUCS MTCS IRAP/CCSL GCIO Number Act IAF Mark Gold MeitY Privacy Laws Shield Grundschutz workbook

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Sicherheit

\$1 Milliarde+ jährliches Investment Über 3500 Security Experten

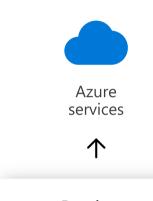


Open Source on Azure

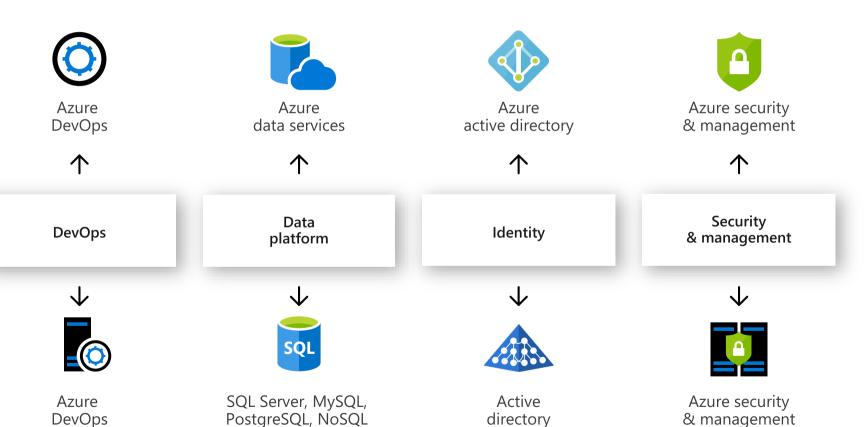


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Hybrid by Design







54 Azure Regionen

Regions added this Summer:

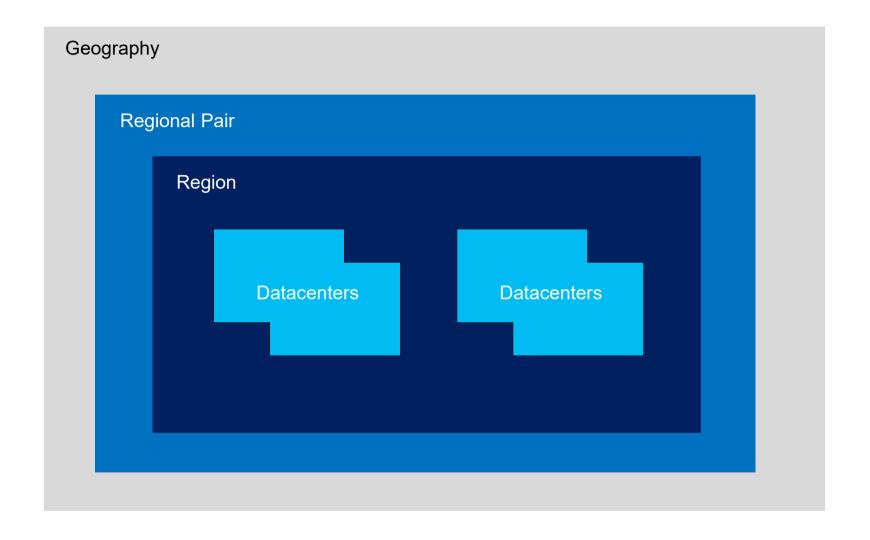
Switzerland North Switzerland Sout Germany North Germany Central

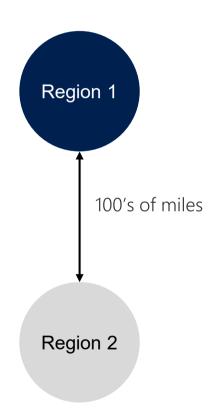


Infrastructure for all workloads

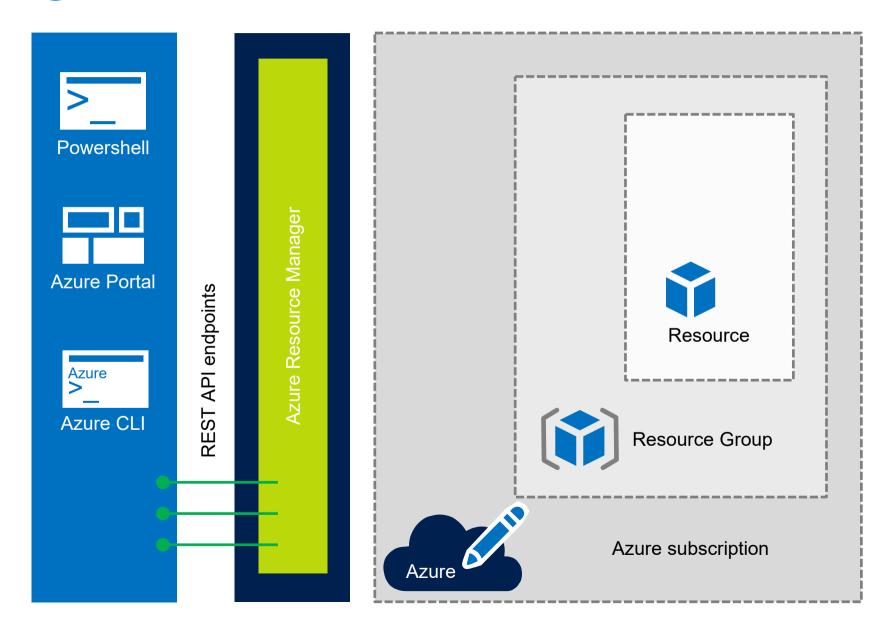
On-demand	Purpose-built	Linux, Open Source, and Red Hat	Best Choice for Microsoft workloads
Compute	SAP	+50% of Azure VMs are running Linux	Cost savings
Networking	™ NetApp ™	1.4x growth of Linux	Easy migrations
			First-party support
Storage	vm ware®	Co-located support with Red Hat on-site team	Modernize apps beyond infrastructure

Geos and Regions





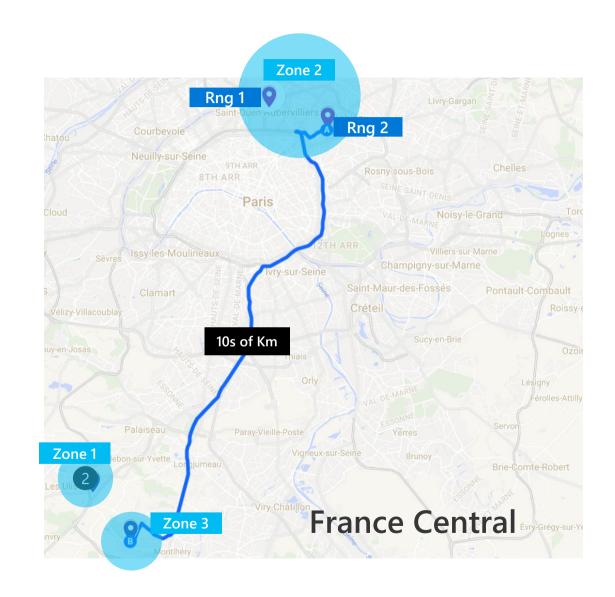
Managing Azure Resources



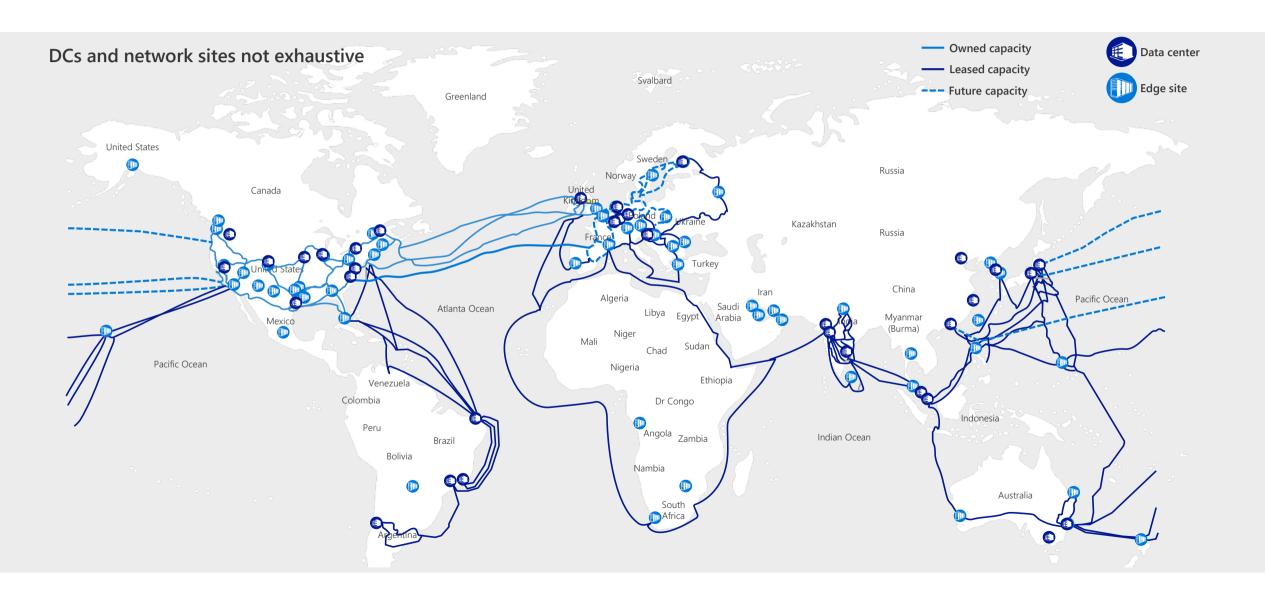
Availability Zone

AZs support VMs, Managed Disks, VIPs, VMSS and LB

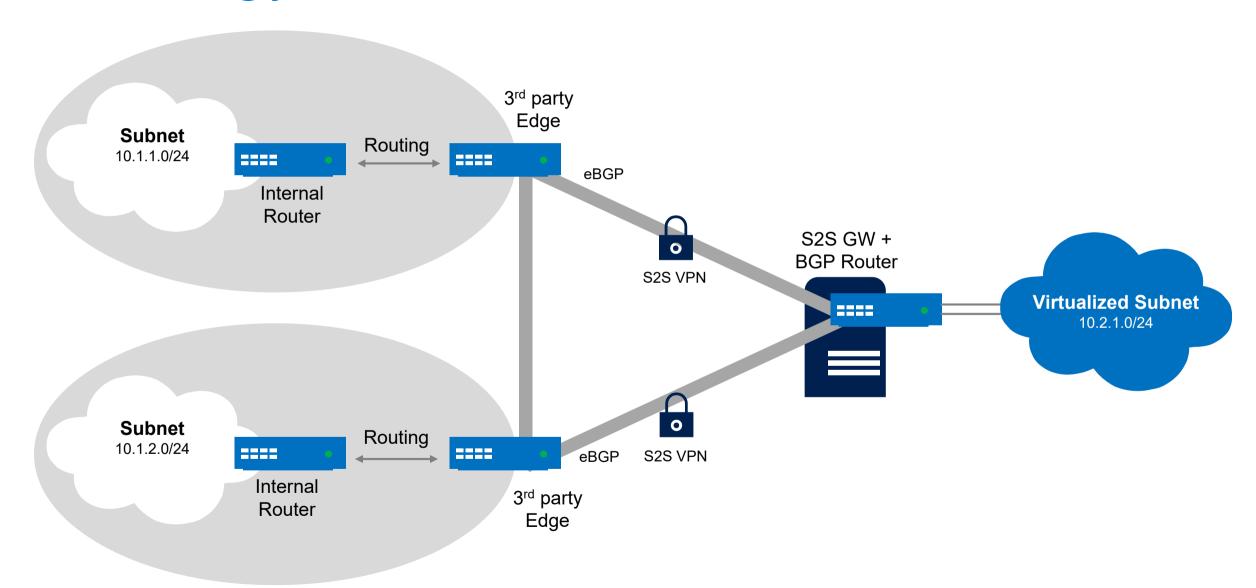
AZ resources work with existing, regional resources for low customer friction



Azure inter-DC dark fiber backbone



Connecting your sites to Azure



ExpressRoute

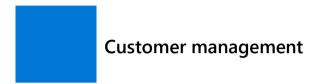
Azure Private Peering for Virtual Networks

Unified connectivity to Microsoft Cloud Services Predictable performance Enterprise-grade resiliency and with SLA for availability Large and growing ExpressRoute partner ecosystem Customer's **Primary Connection** Network Microsoft Partner Edge Edge Secondary Connection **ExpressRoute Circuit** Microsoft Peering for Office 365, Dynamics 365, Azure public services (public IPs)

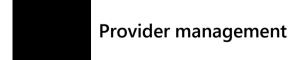
Microsoft Azure

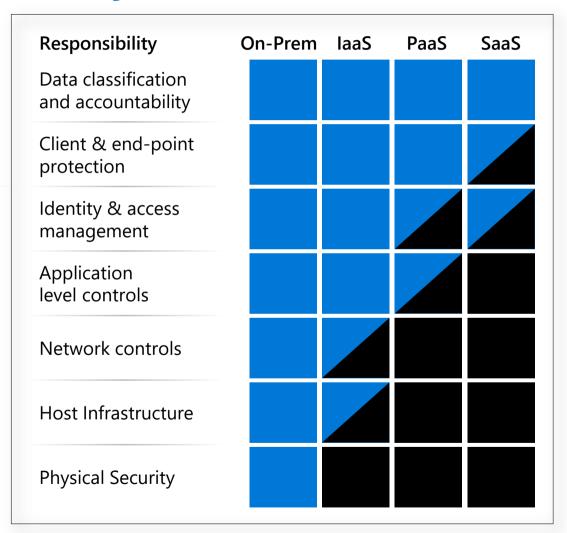
Shared responsibility model











https://aka.ms/sharedresponsibility



The Cloud Operating Model

Service Description

Service Catalogue

Service Mapping

Service Level Management

Service Request

Subscription / License Management

Procurement

Predictable Operations and Knowledge Management

Service Monitoring

Service and Vendor Review **Service Desk**

Incident Management

Major Incident Management

Problem Management

Change Management

Release Management

Roles & Responsibilities

Reporting and Service Improvement

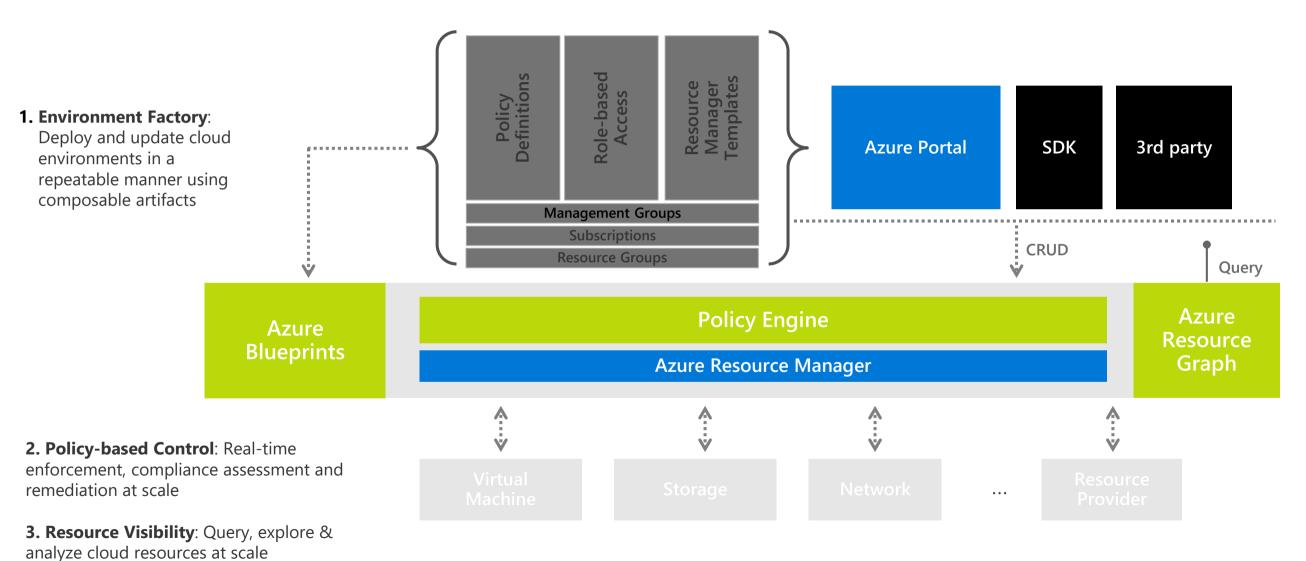
Specifying Cloud

Planning Cloud

Moving to Cloud

Running Cloud

Azure Governance Architecture



Modernizing a Fortune 500 application portfolio (Microsoft IT, >3500 Applications)

Retire it, right-size, eliminate environments

~30%

Use or convert to a SaaS (first or third-party) solution

Expose functionality in existing SaaS/PaaS solution



~35%

<5%

From

Office servers
Portals and SPS
Any CRM

Source control and WIT Data warehouses Industry verticals

To

Office 365
SharePoint Online
CRM Online

VSTS
ADL + Power BI
Best third-party SaaS

Convert to Azure PaaS solution

Optimize for and move to Azure laaS

No change, lift and shift to laaS



Basic web apps
Advanced portals
Any new solutions
Re-architected solutions



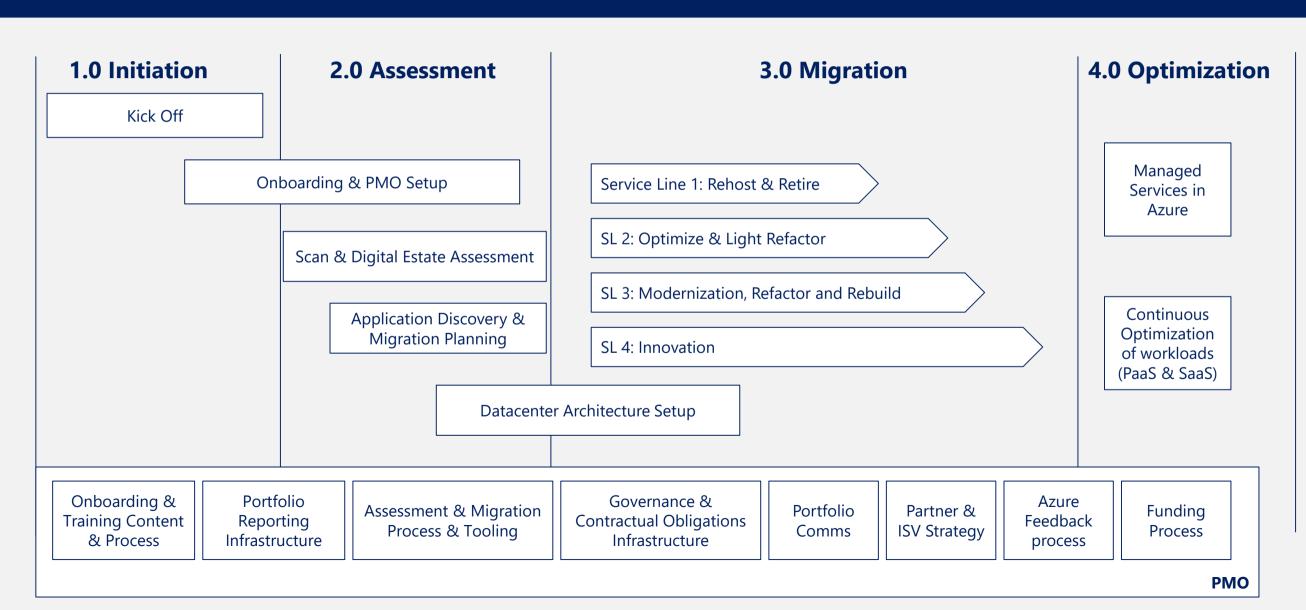


Hard or costly to move

PKI systems Legacy source control

Journey to Azure

Datacenter Migration Approach



Infrastructure as Code

