

SAP Customer Center of Excellence

Global Virtual Summit- April 5-7, 2022

**Helping shape your Cloud Center
of Excellence for SAP on Azure**

Will Bratton

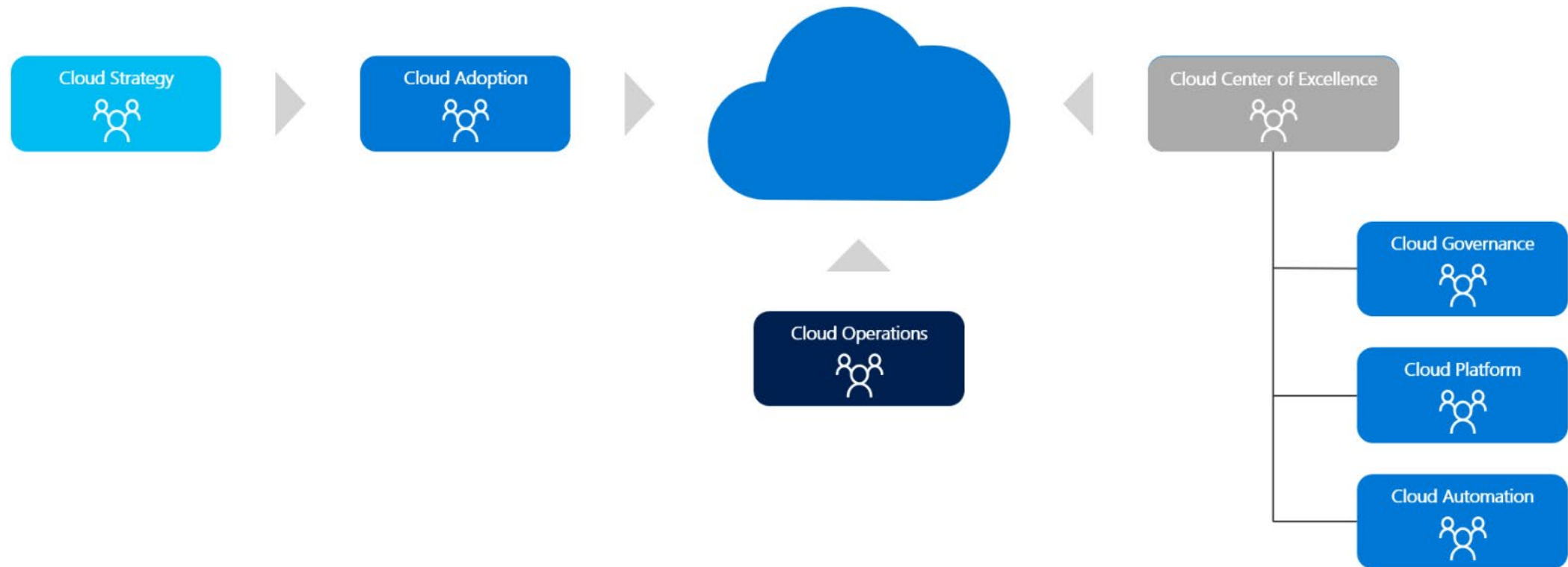
Product Management Lead

Microsoft | Azure Core Engineering | SAP Product Group

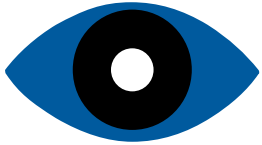


Building an Azure Cloud Center of Excellence

Microsoft Cloud Adoption Framework for Azure



SAP on Azure Migration Framework



DISCOVER

Discover your current SAP estate, document core SAP landscapes and customizations

Define goals

Determine your key stakeholders and organize your community around Key Performance Indicators (KPIs)

Review market approved journeys jointly created by SAP and Microsoft



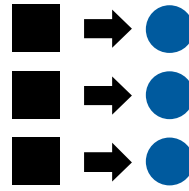
PREPARE

Assess and plan for your landscape to map to your future vision

Right-size SAP to fit your business needs

Leverage Enterprise scale for SAP and reference architectures designed by Microsoft and SAP

Draft plans for business continuity, migration cutover, testing, and organizational readiness



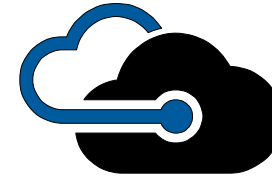
MIGRATE

Realize your migration plan and communicate it to the business

Deploy environment across compute, networking, security, and database needs

Test for recovery and performance

Migrate to bring your technology to life



RUN

Optimize landscapes with cloud operational best practices

Incorporate new updates to continuously enhance your environment

Enjoy Azure services and integration with third-party apps



INNOVATE

Integrate your entire IT environment and secure access with Azure AD (SSO)

Drive immediate insights with data visualization tools

Invent new customer experiences by extending the core platform

Guiding Themes for Product



Seamless Scale

- On-demand capacity
- Right size
- Scale up and down per business needs



Cost Efficient

- Offer options for cost savings
- Cheaper options for lower priority workloads



Performance

- Consistent latency and throughput
- Collocated compute and storage
- Handle burstiness in your workload



Business Continuity

- HA & DR architecture
- Zone aware deployments
- Seamless replication
- Backup & recovery
- Minimize downtime



Support data growth of your systems

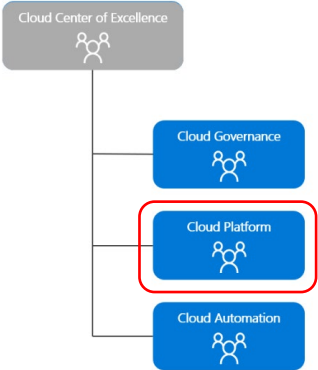
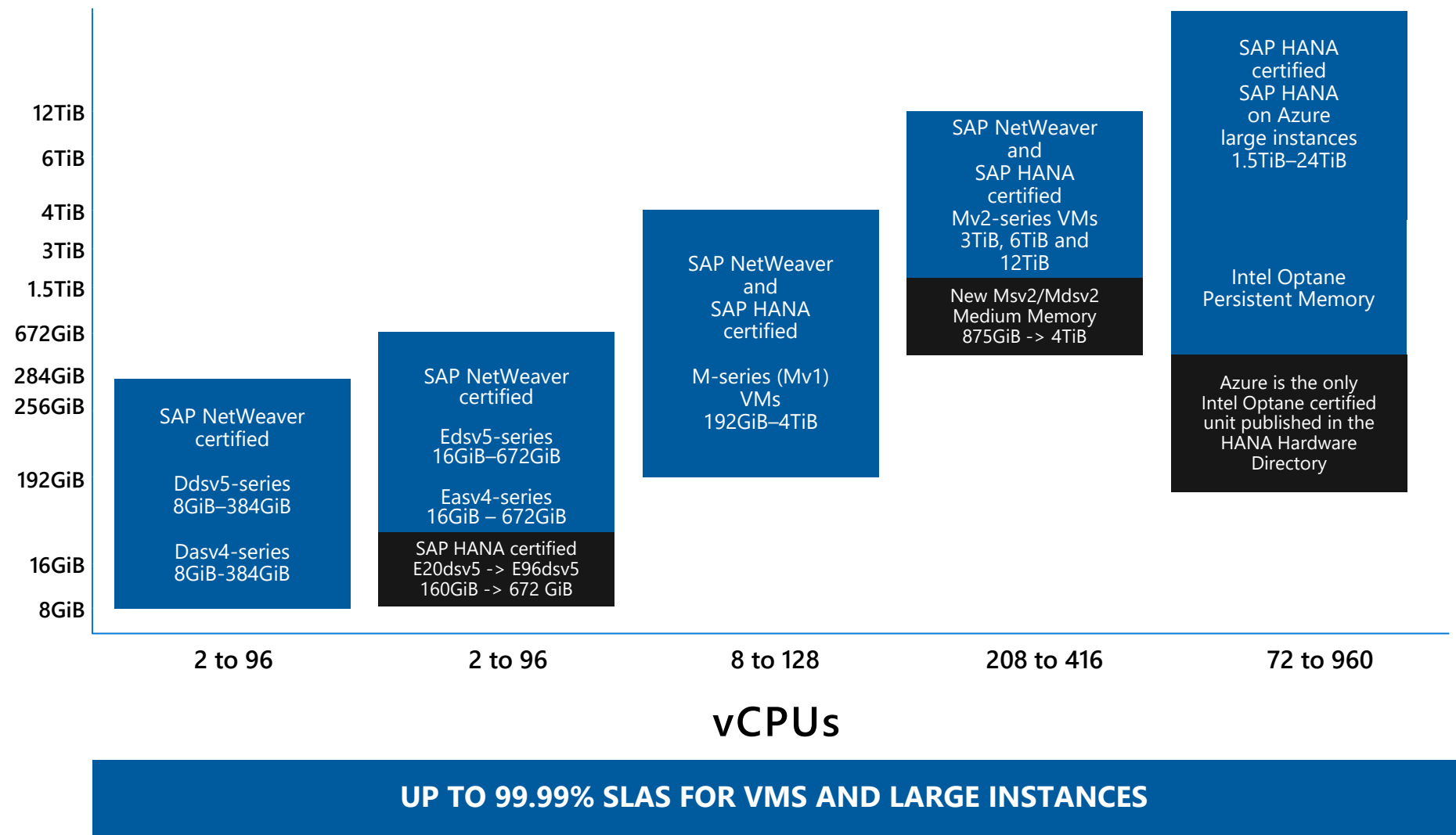
- SAP HANA DBs can have 100s of GBs of growth per month

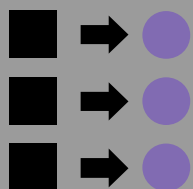


Future Proof

- Next generation platform for mission critical ERP workloads
- Secure by design

Scalable compute options for all SAP workloads & sizes





MIGRATE

Realize your migration plan and communicate it to the business

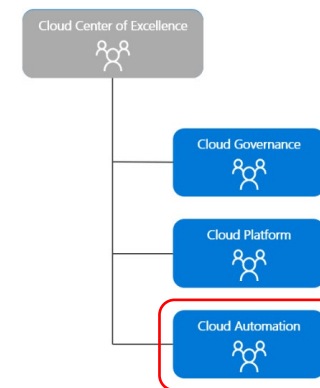
Deploy environment across compute, networking, security, and database needs

Test for recovery and performance

Migrate to bring your technology to life

SAP Automation Framework | Overview

Automated deployment of SAP on Azure following a Microsoft-supported Reference Architecture. Provides industry leading Infrastructure-as-Code and Configuration as Code based automation modules with Terraform and Ansible respectively



NEW

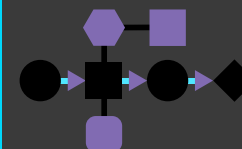
Open Source

Repo: [Azure/sap-hana](https://github.com/Azure/sap-hana)

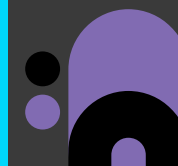
<https://github.com/Azure/sap-hana>



IaaS Setup, SAP software install, SAP HANA, High availability (HA) configuration

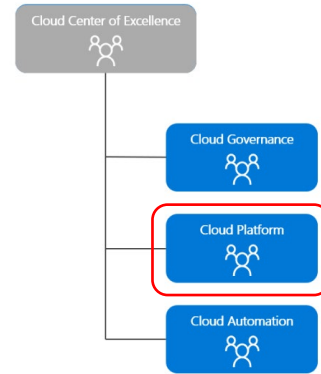


Fast, consistent deployments (S/4HANA with HA in 3 hours)
Jointly-created reference architectures

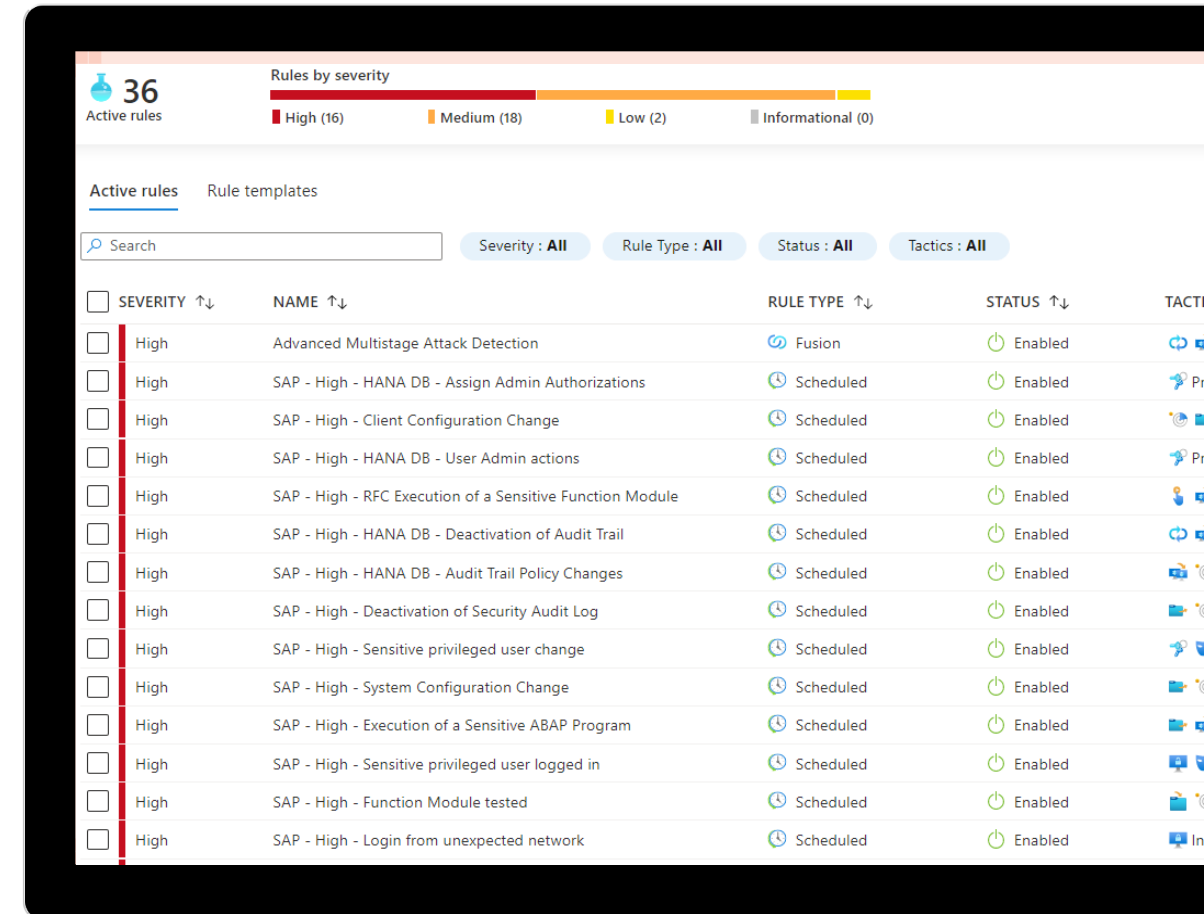


Modularized, supports customization

SAP Continuous Threat Monitoring with Sentinel | Preview



- Continuously monitor SAP systems for threats at all layers: business logic, application, database, and OS
- Detect threats like privilege escalation, unapproved change and more with out-of-the-box detections
- Correlate SAP monitoring with other signals across your organization
- Build your own detections to monitor sensitive transactions and other business risks



Azure Monitor for SAP Solutions (AMS)

End to end SAP technical monitoring in Azure portal

Key benefits

Collect and visualize end-to-end telemetry at one place with one tool in Azure portal

Simplified set-up & maintenance experience

Support for SAP workloads on VM & HANA Large Instances (bare-metal)

Easily create a single-pane-of-glass for SAP & non-SAP deployments by combining telemetry from AMS & Azure Monitor.

Integration with Azure Light house

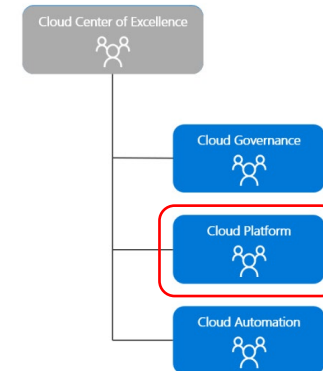
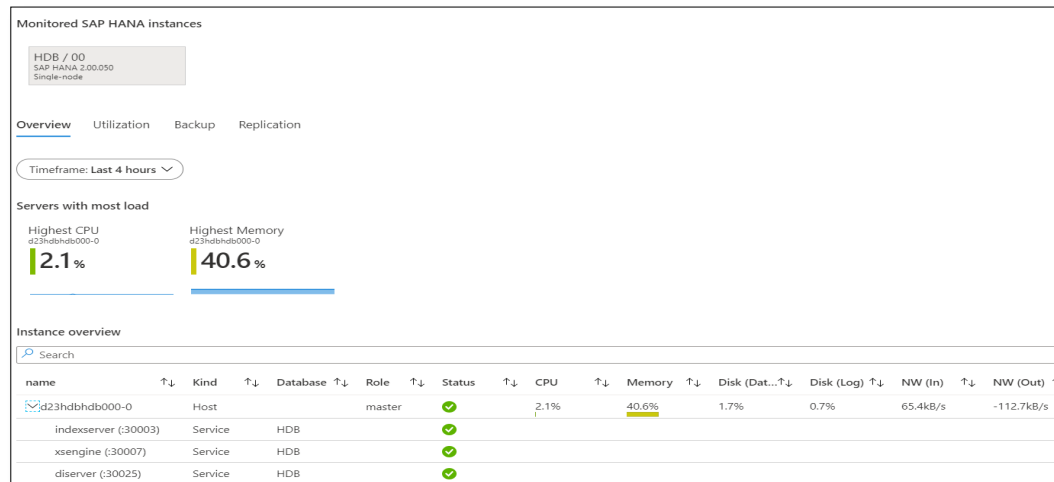
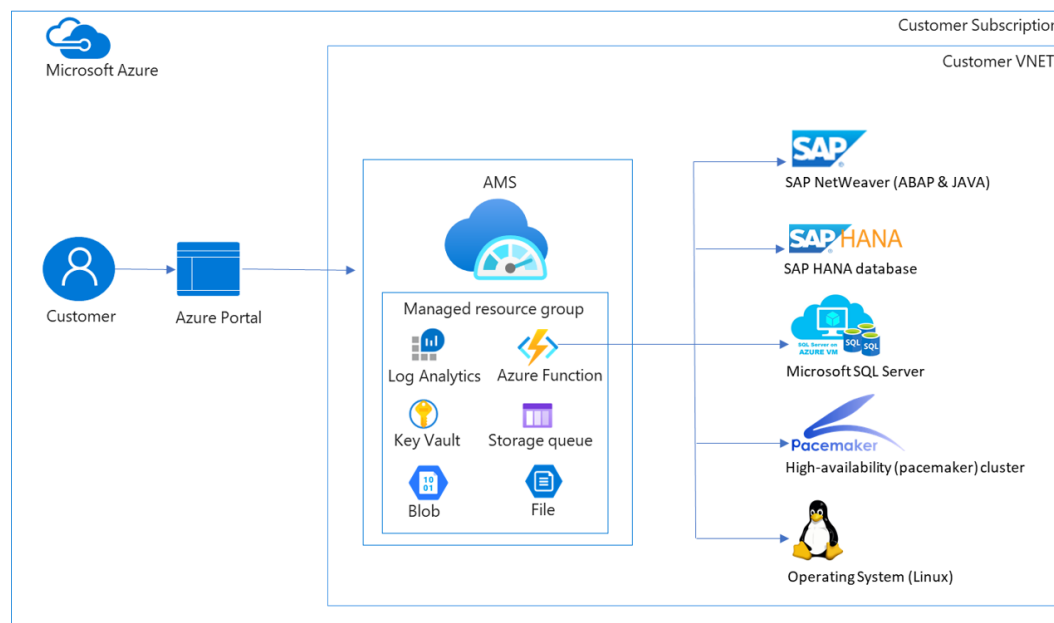
Target user personas

SAP Basis team

Infrastructure team

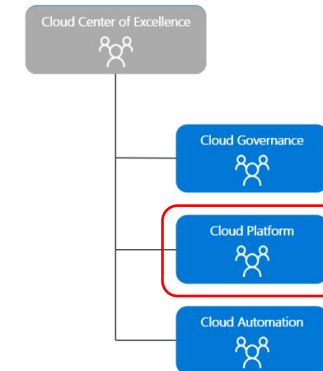
Partner/Hosters

Learn more: [AMS documentation](#)



Azure Backup for SAP HANA | Overview

Simple and secure data protection for SAP HANA using Azure Backup's Backint certified solution



Key Benefits

Zero infrastructure solution

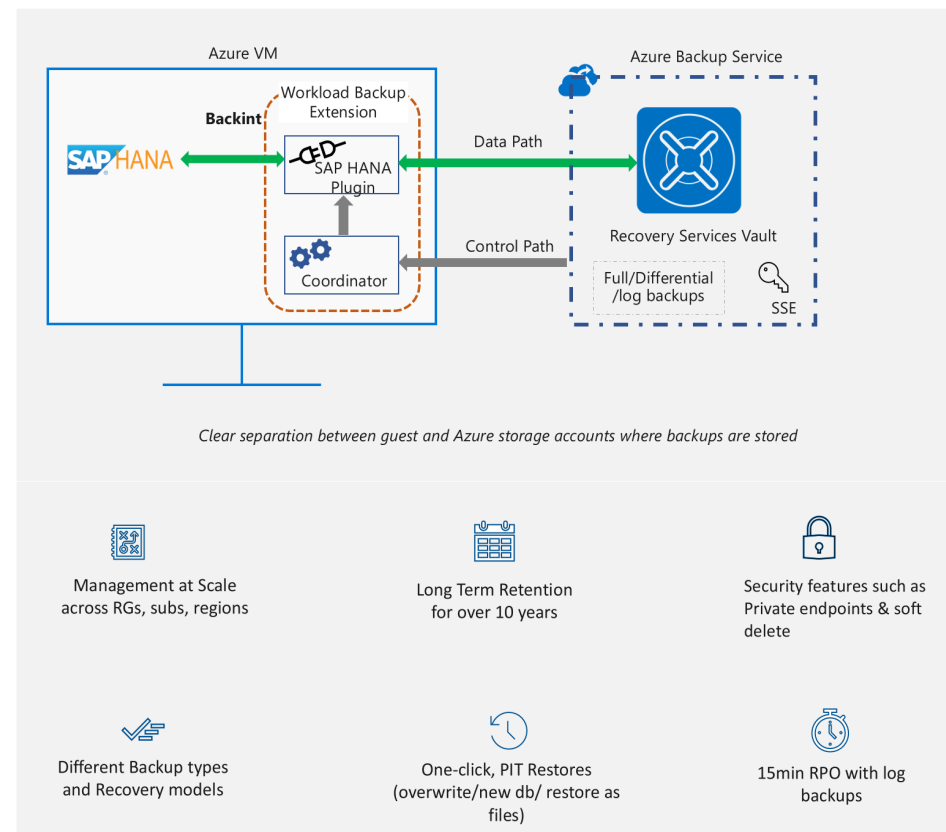
15-minute Recovery Point Objective (RPO)

One-click, point-in-time restores

Long-term retention

Backup Management from Azure

Learn more: [Documentation](#) | [Additional Resources](#)



Project Description

Fortune 500, founded in 1811, \$28B revenues

SAP Insurance estate, serving 17,500 end-users

BW on HANA migrated to Azure in 2019

115 SAP applications migrated to Azure in 15 months

Migration Waves

Wave 1 – 25 SIDs
GW, SLT, SOLMAN, ECC, Fiori

Wave 2 – 44 SIDs
ECC, CRM, PO, FSPM, SLT

Wave 3 – 23 SIDs
ECC, CRM, Finance, Banking Services, Disclosure Management

Wave 4 – 23 SIDs
BO/BI, BO/DS, ECC, SLD

Products

SAP Deployment Automation Framework

M-series Virtual Machines BW-on-HANA

Eds_v4 / Dds_v4 NetWeaver

SAP on SQL Server & Db2

Azure Files NFS w/ZRS

Exploring Azure Backup, Azure Monitor for SAP and Azure Sentinel for SAP

"We are running at light speed."

Peter la Croix, Sr. Manager Standard Platforms and Integration

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THANK YOU

Will Bratton

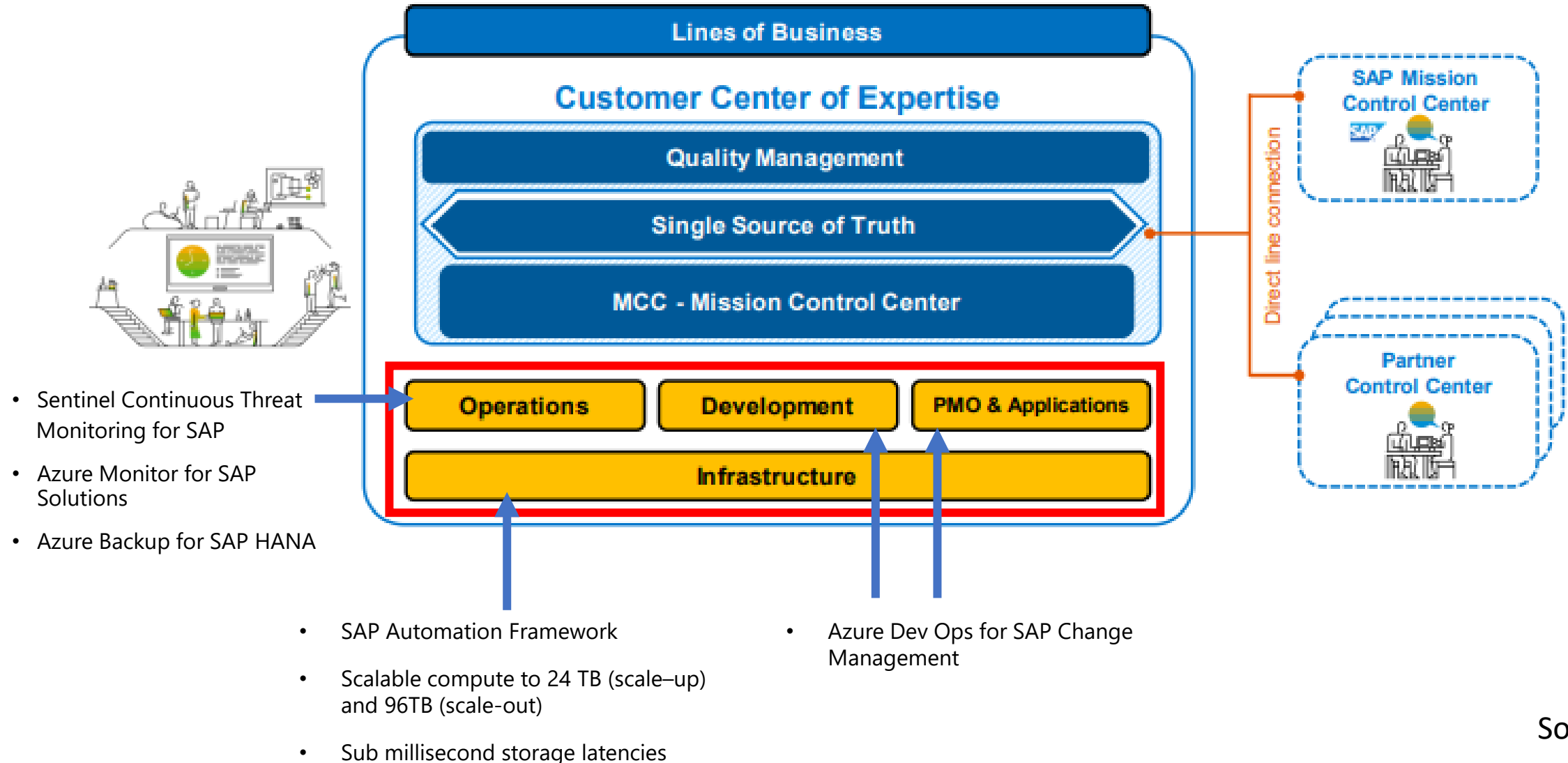
Microsoft Corporation

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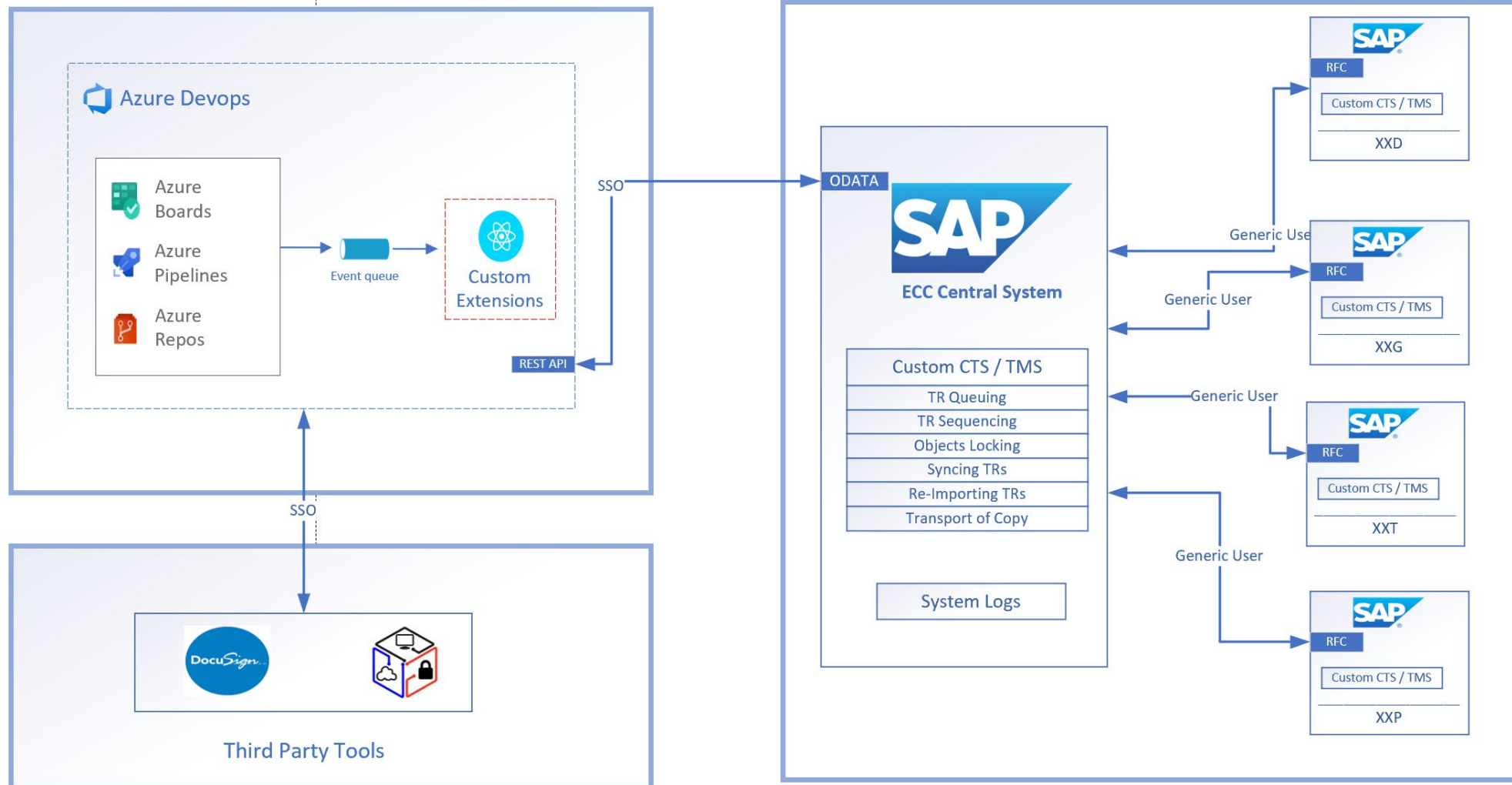
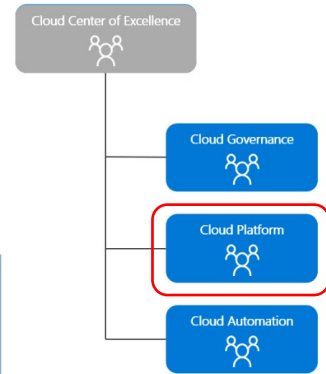


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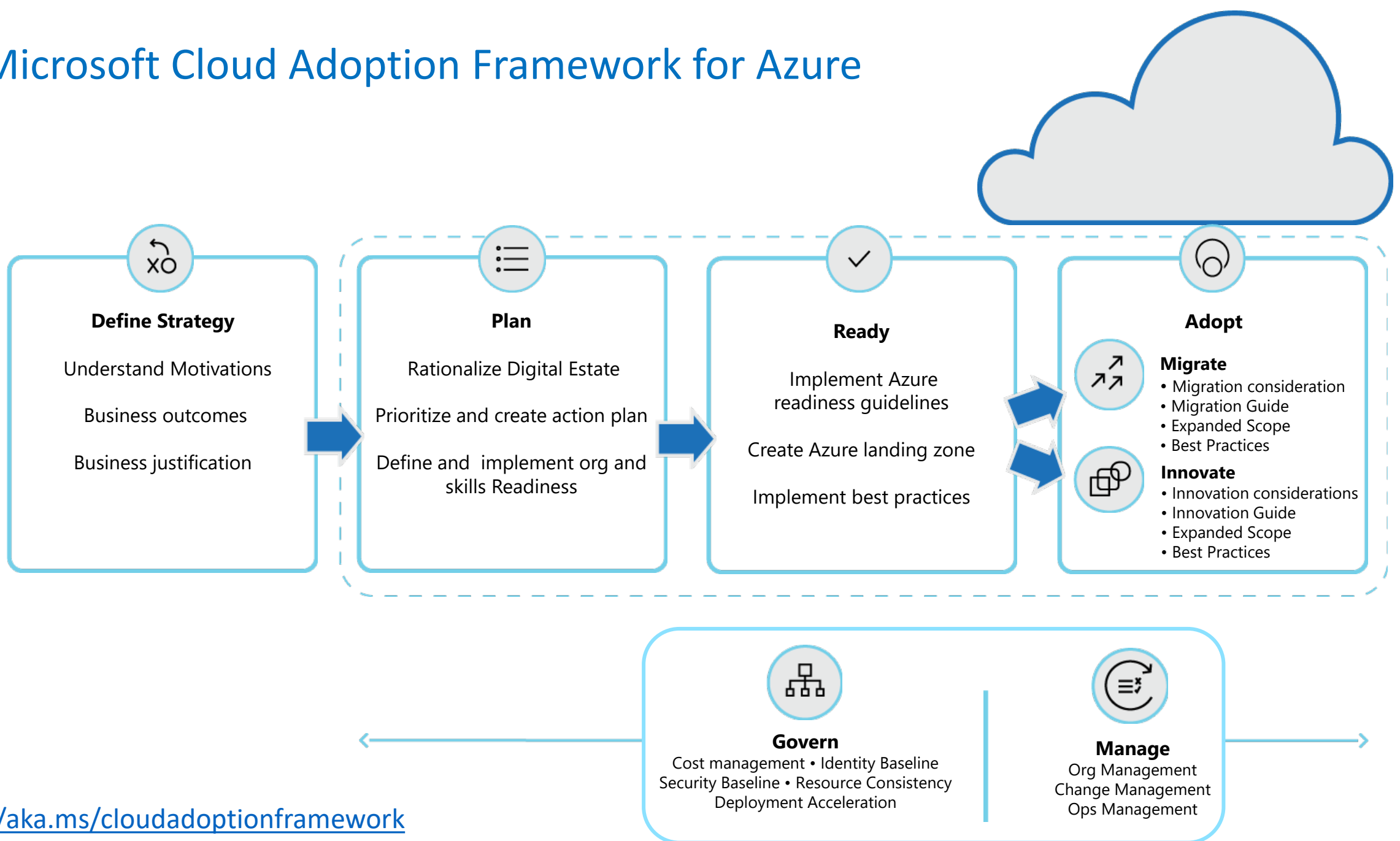
Microsoft Azure helping you to build, secure, operate and innovate better



Azure DevOps for SAP Change Management



Microsoft Cloud Adoption Framework for Azure



<http://aka.ms/cloudadoptionframework>

<http://aka.ms/caf/gov/access>