

Azure VMware Solution (AVS) Migration to Azure



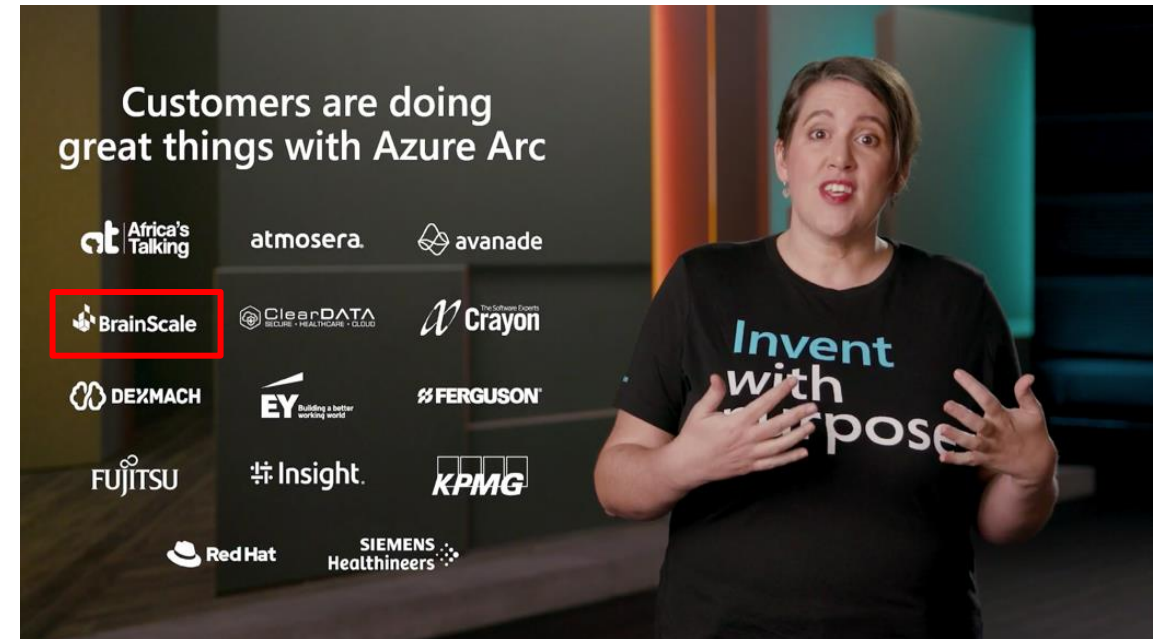
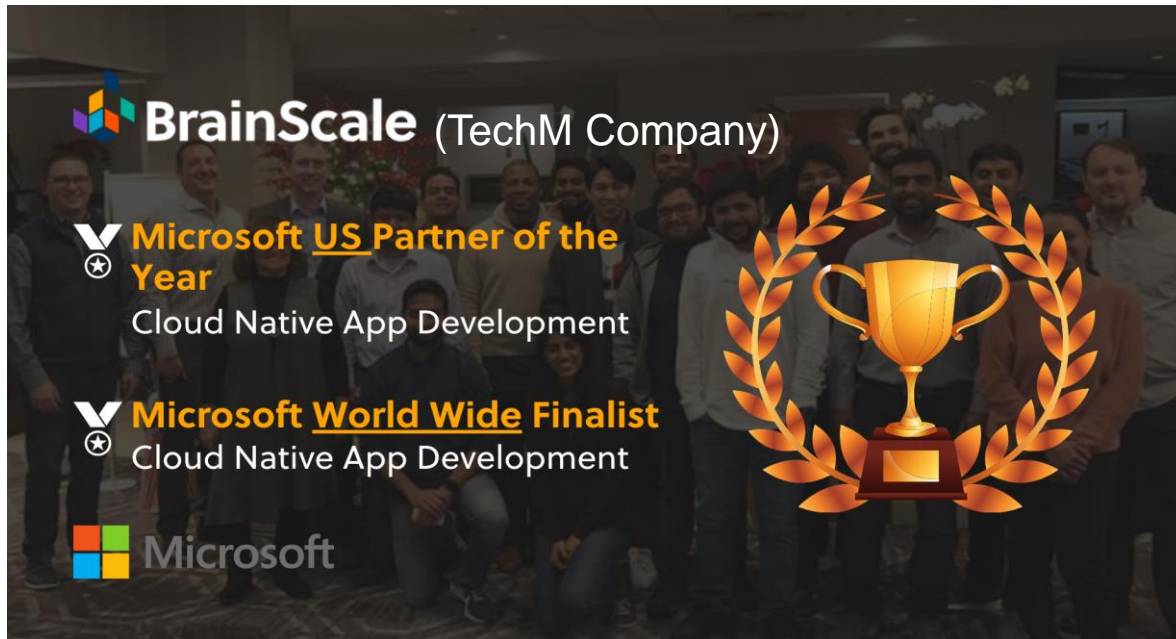
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Microsoft Audited Advanced Specializations on Azure:

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Server Migration to
Azure

Linux & Open-
Source Databases
Migration

Kubernetes on
Azure

Modernizing Web
Apps on Azure

Windows Virtual
Desktop

Advanced
Networking

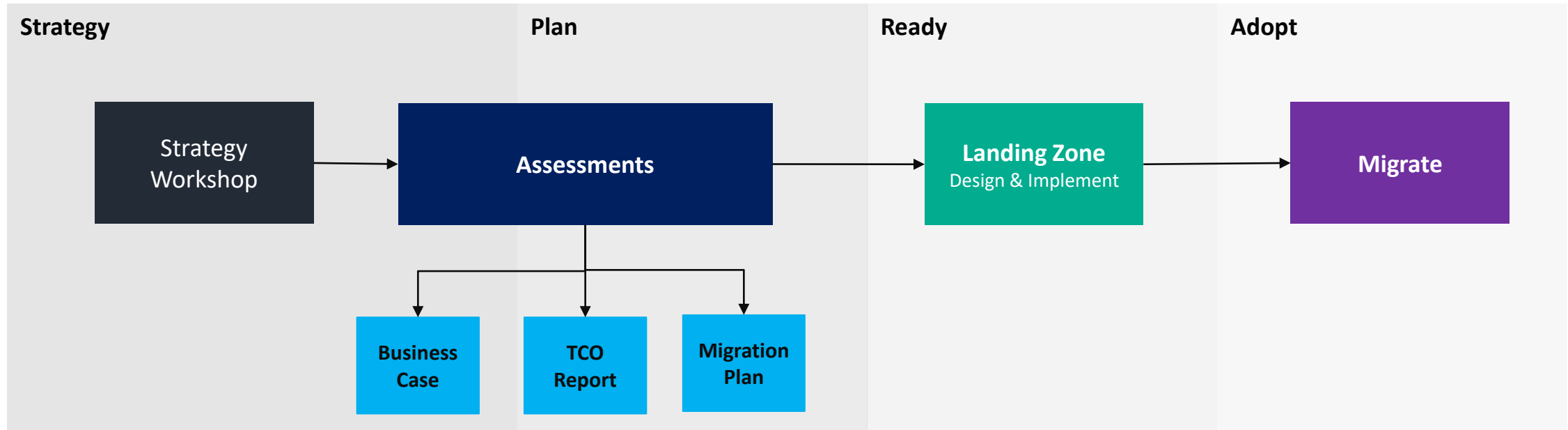
Azure Expert MSP

AVS Migration Approach

CAF Aligned Methodology

Cloud Migration Approach

A Microsoft Cloud Adoption Framework (CAF) aligned approach



Phase 1: Workshop & Assessment

Workshop & Data Gathering

- Assess VMware environment
- Collect data and metrics
- Identify workloads to migrate
- Use Azure Migrate/RVTool/vRops, to capture additional information

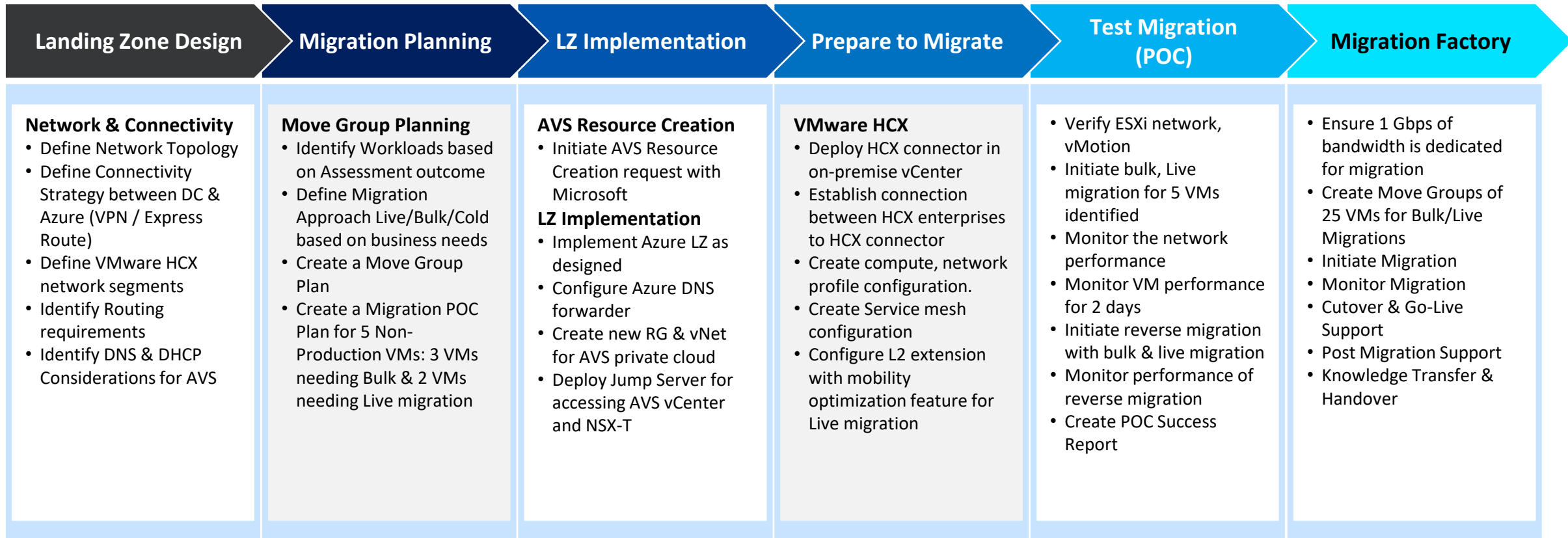
Analysis

- Target environment sizing for AVS
- Best practices for Azure VMware Solution adoption
- TCO analysis of target state
- Migration and transformation options and recommendations

Deliverables

- Migration Approach & Roadmap
- Recommendations for utilizing native security and network services
- TCO Report

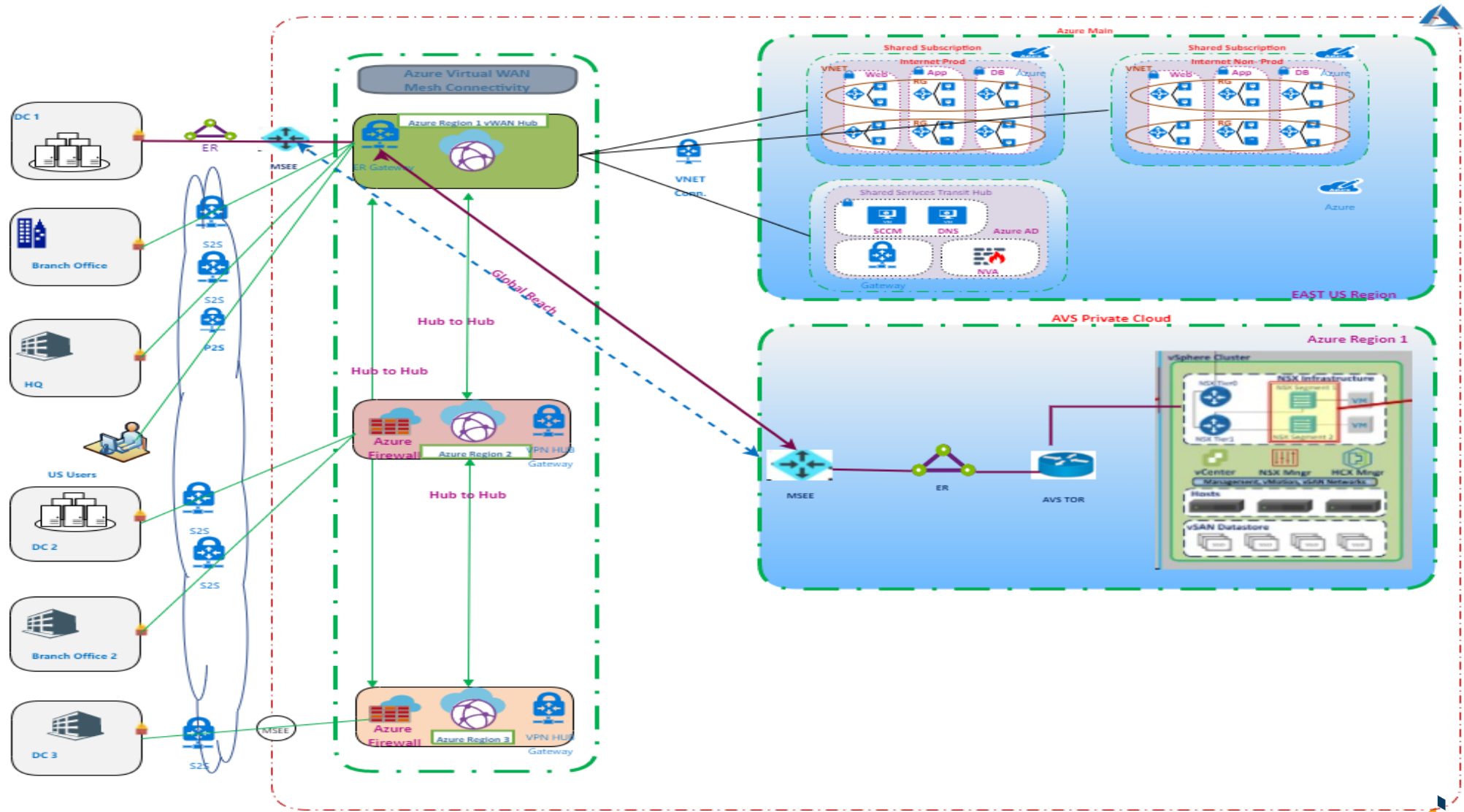
Phase 2: Planning, Design & Migration



*4 weeks is the estimated migration time assuming 100 VMs. The timeline will vary based on the number of Servers to be migrated

AVS Solution

Reference Architecture



AVS Case Study

Global leader in analytical instruments and software

Business Challenge

- On-prem legacy applications running on out of support OS
- No support available from Application teams , No knowledge of many applications by IT team
- Business looking for migration of application with Zero changes (retain same IP's , consistent machine format ,same SLA)
- On-prem VMware environment refresh needed and data center footprint reduction

Our Solution

Landing Zone Creation

- Azure Main Landing Zone creation as per Microsoft Best Practices
- Creation of AVS Private Cloud

Networking/Security

- Design/Implementation of Azure vWAN
- Connectivity via Prisma Cloud/ER/S2S
- ER Global Reach connection to AVS .

On-Prem Workload Assessment

- On-prem workload assessment using Movere
- Analysis of Applications
- Decision Matrix of AVS vs Azure Main

Migration Phase

- Dependency mapping/ Application assessment
- Migration Planning (Wave based Migration)
- V2V migration of VM's
- Post Migration/Break Fix Support

At Scale:

- Seamless migration to same platform (extension of DC)
- On-Premises Asset Assessment and 6R Analysis
- Financial Projections for Cloud footprint
- Project Planning, Cost Control and Risk Assessment
- Security and Compliance
- Planning for Landing Zone and Network Layout
- BCDR planning in Cloud
- Factory based Migration from On-Prem to Cloud
- Zero downtime
- Wave based migration
- Post Migration Support



Solution Assessment for 900 Servers



Decision Matrix



Factory Based migration approach



70% increase cloud adaption

Thank you

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