

# Azure VMware Solution (AVS) Migration to Azure



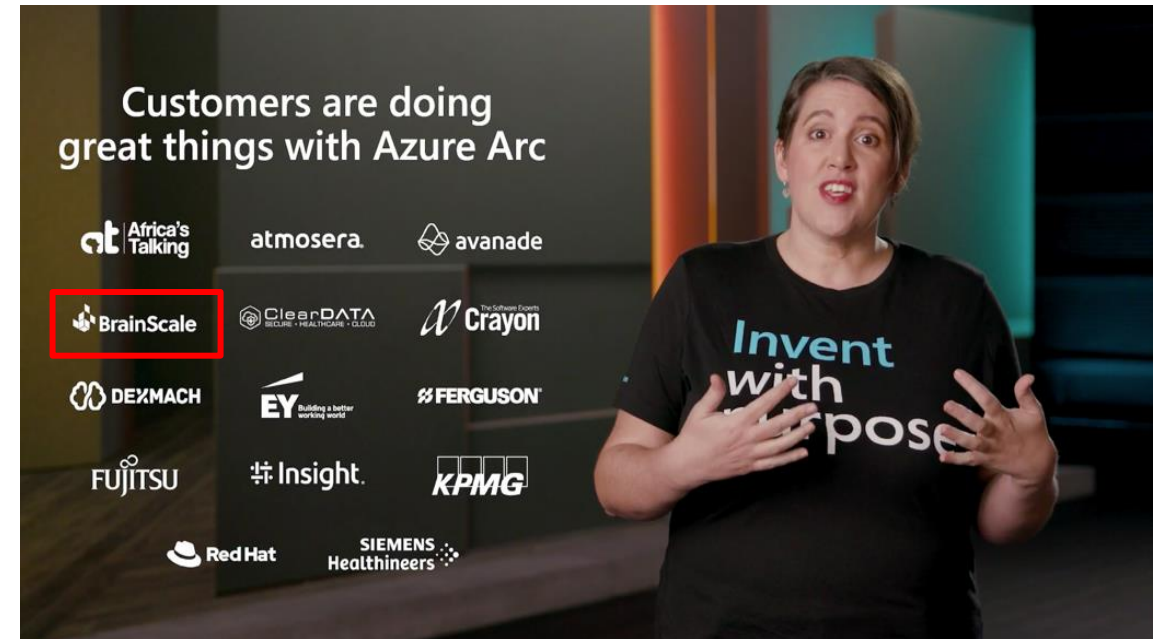
# When it comes to Azure, we are the experts.

**NLS #1 Gold Partner**  
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**Azure Arc Launch Partner**

**Solution Assessment**  
**Partner**

**AMMP Partner**



## Microsoft Audited Advanced Specializations on Azure:

Windows & SQL  
Server Migration to  
Azure

Linux & Open-  
Source Databases  
Migration

Kubernetes on  
Azure

Modernizing Web  
Apps on Azure

Windows Virtual  
Desktop

Advanced  
Networking

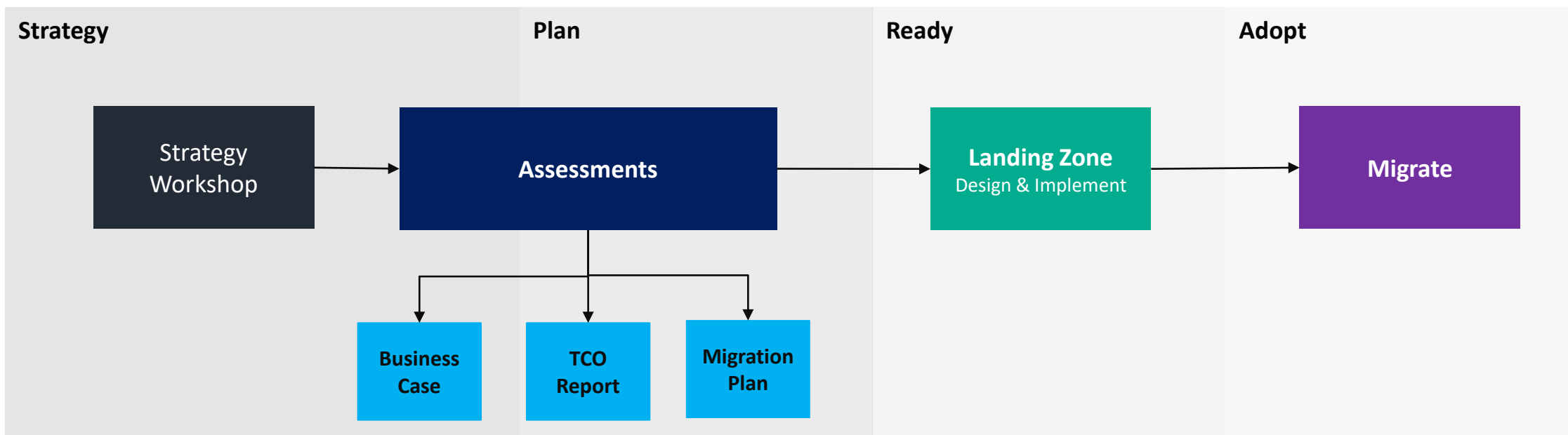
Azure Expert MSP

## 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

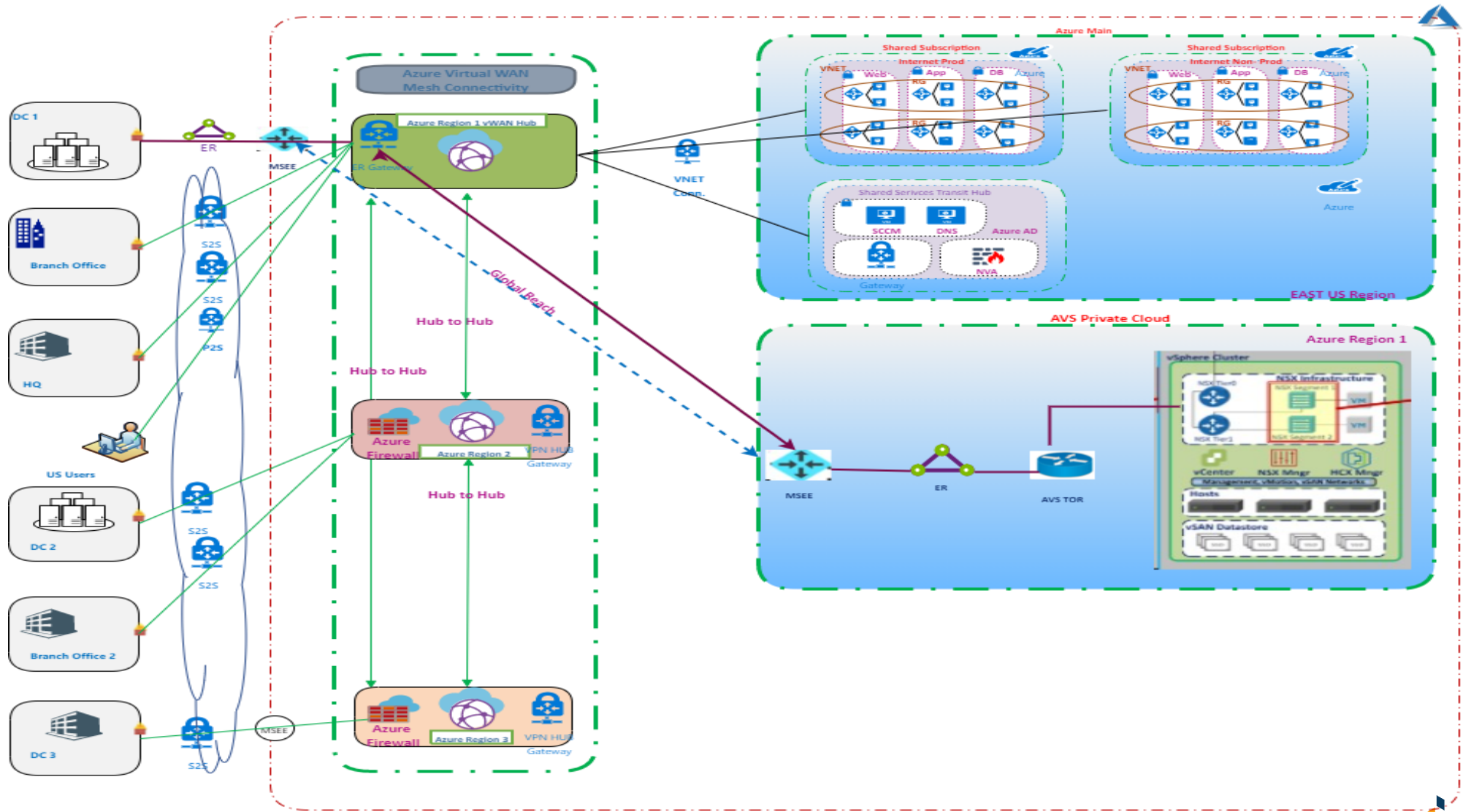
### Deliverables

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



# 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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