Lumen Azure VMware Solution Migration Assessment

Solution Overview

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Organisations using VMware on-premises are investigating cloud adoption

Common ambitions

Facilitate datacentre expansion, reduction or retirement
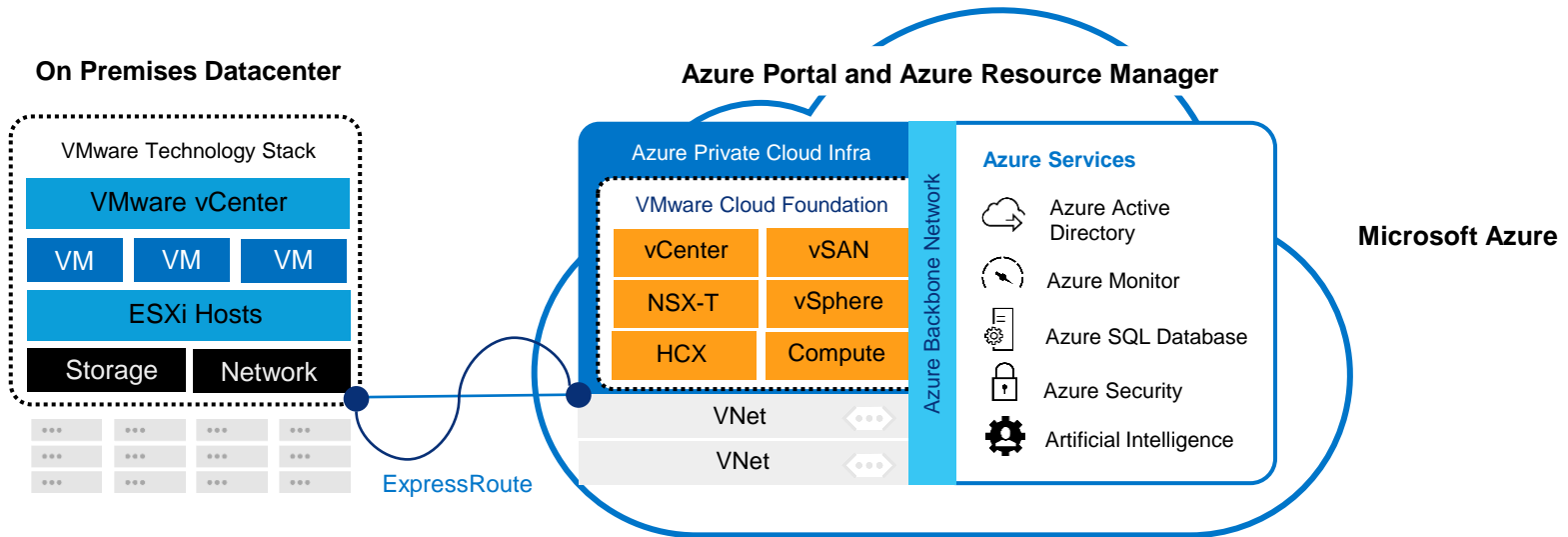
Enable disaster recovery and business continuity

Application modernisation and enhancement

Burst capacity and rebalancing

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Azure VMware Solution (AVS) helps accelerate digital transformation

AVS enables a fast path to the cloud for VMware users, migrating or extending existing VMware workloads from on-premises environments to Azure without the cost, effort or risk of re-architecting applications or retooling operations.

On Premises Datacenter

VMware Technology Stack
- VMware vCenter
- VM | VM | VM
- ESXi Hosts
- Storage | Network

ExpressRoute

Azure Portal and Azure Resource Manager

Azure Private Cloud Infra

VMware Cloud Foundation
- vCenter | vSAN
- NSX-T | vSphere
- HCX | Compute

Azure Backbone Network

VNet
VNet

Azure Services
- Azure Active Directory
- Azure Monitor
- Azure SQL Database
- Azure Security
- Artificial Intelligence

Microsoft Azure

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Azure VMware Solution (AVS) helps accelerate digital transformation

Reduce ongoing on-premises infrastructure costs

Continue to leverage VMware investments in the cloud

Modernisation and enhancement for those not yet ready for native Azure

Seamless management experiences

Expand Azure VMware Solution to customers across all Azure regions

Integrated with Azure security and management capabilities

Incorporate and build on existing tools, technology and skills from both Azure and VMware

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Cloud adoption roadblocks are common for those reliant on on-premises workloads

Through 2024, nearly all legacy applications migrated to public cloud infrastructure as a service (IaaS) will require optimisation to become more cost-effective.

Source: Gartner*

When choosing to minimize CAPEX in favour of OPEX by way of cloud migration, predicting cost saving and performance improvements can be difficult.

It requires detailed investigation into the existing IT estate.

Right-sizing or **optimising** is critical to reduce cost and improve predictability.

* Smarter with Gartner- 4 Trends impacting Cloud Adoption in 2020

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Lumen Azure VMware Solution overview

Our suite of Azure VMware solution offerings are designed to accelerate the adoption of Microsoft Azure

ExpressRoute
Connectivity

Azure VMware
Solution Migration

Azure VMware
Solution Managed
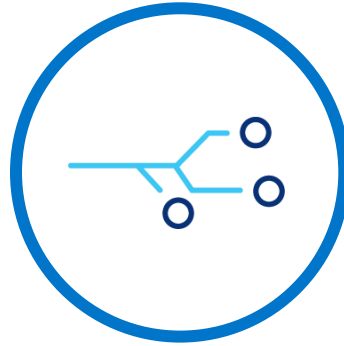Services

Azure VMware
Solution Migration
Assessment

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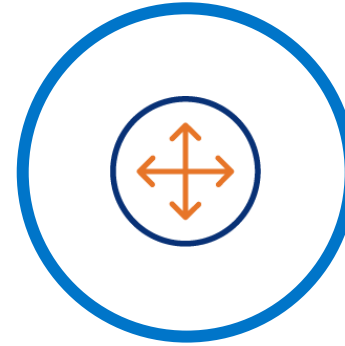# Lumen Azure VMware Solution Migration Assessment

Designed to accelerate adoption of Microsoft Azure by helping companies to:

Access a high-level indication of cost for an as-is estate on Azure VMware Solution

Quickly evaluate options around right-size legacy VMware environments

Identify additional workloads to be moved to native Azure

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Lumen Azure VMware Solution Migration Assessment

Phase 1

Phase 2

Phase 3

Day 1

Workshop &
Data Retrieval

Day 2-6

Data Analysis

Day 7

Reporting &
Recommendations

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Day 1: Workshop & Data Retrieval

A **one-day workshop** where insights are gathered regarding the customer's main business drivers for moving to the cloud.

Interviews with relevant stakeholders will gather valuable information that would not normally be visible through pure data collection.

Phase 1

✓ Assess VMware environment

✓ Collect relevant data and metrics and identify workloads to migrate

✓ Use vRealise Operations Manager (vRops), if available, to capture additional reports

✓ Document all captured criteria and assumptions for agreement and verification

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Days 2-6:
Data Analysis

Lumen will analyse the data while considering information gathered from the workshop to create an **Assessment Report** presentation.

This includes an optimized Azure VMware Solution deployment recommendation.

Phase 2

- ✓ Target environment sizing on Azure VMware Solution based on data gathered

- ✓ Guidance on best practice for Azure VMware Solution adoption

- ✓ High Level TCO of target service and ongoing managed services

- ✓ Migration and transformation options and recommendations

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Days 7: Reporting & Recommendations

A **final report** will be delivered back to the customer by way of a remote meeting.

Phase 3
The report will include:

- ✓ Defined migration approach

- ✓ Recommendations of potential savings utilising native security and network services offered as part of the target Azure solution. This potentially rules out the need for co-location or additional vendor licensing for the same purpose

- ✓ Recommendations regarding potential cost savings by optimising VMs as part of the migration to Azure VMware Solution, explaining as-is cost versus right-sized

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Why Lumen AVS Migration Assessment?

✓ Access insight into VM's actual physical infrastructure consumption, allocation, efficient usage and optimisation opportunities.

✓ Recommendation for key stakeholders and decision makers detailing
- Captured data
- Target VMware resources on Azure
- Estimated TCO
- Pros and cons
- An indication of migration costs using native VMware technology

✓ Over 20 years' experience of transformative datacentre migrations

✓ Established VMware partner

✓ VMware HCX used for workload migration

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Thank you

To learn more about Lumen Azure VMware Solution Migration Assessment, please contact your sales representative to set up time to speak with an Azure VMware Solution specialist.

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