

A woman with long dark hair, wearing a white button-down shirt, is sitting at a desk and looking at a laptop. The desk has a blue mug and a glass container with pens and pencils. The background is a bright office with a window and a white brick wall.

Lumen Azure VMware Solution Migration

Solution Overview

Why migrate to Azure with Azure VMware Solution?

A simple, fast and economical way to migrate on-premises workloads to Microsoft Azure

Azure VMware Solution enables organisations to:

- Eliminate costly hardware refreshes and investment in on-premises infrastructure while continuing to leverage VMware investments in the cloud
- Incorporate and build on existing tools, technology and skills from both Azure and VMware to eliminate the need for reskilling and its associated costs
- Simplify migration with minimal downtime
- Avoid issues with end of life hardware and software ahead of a future move to native Azure



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
Assessment**



**Azure VMware
Solution Migration**



**Azure VMware
Solution Managed
Services**



Lumen Azure VMware Solution migration options



Proof of Value migration

Migrating one or more key business workloads to showcase the value of cloud-based operations.



Assisted migration

Architecture, design and early-migration support to enable self-service migration by internal teams



At-scale migration

Complete design, installation and migration of all VMs in scope, plus adoption support

How Lumen supports your migration

Lumen works alongside you to drive efficiency, overcome challenges and maximise the potential for success at every migration stage



Design

Produce logical HCX design for each site in scope including accompanying configuration, validations, and requirements document



Build

Deploy and validate cloud migration infrastructure

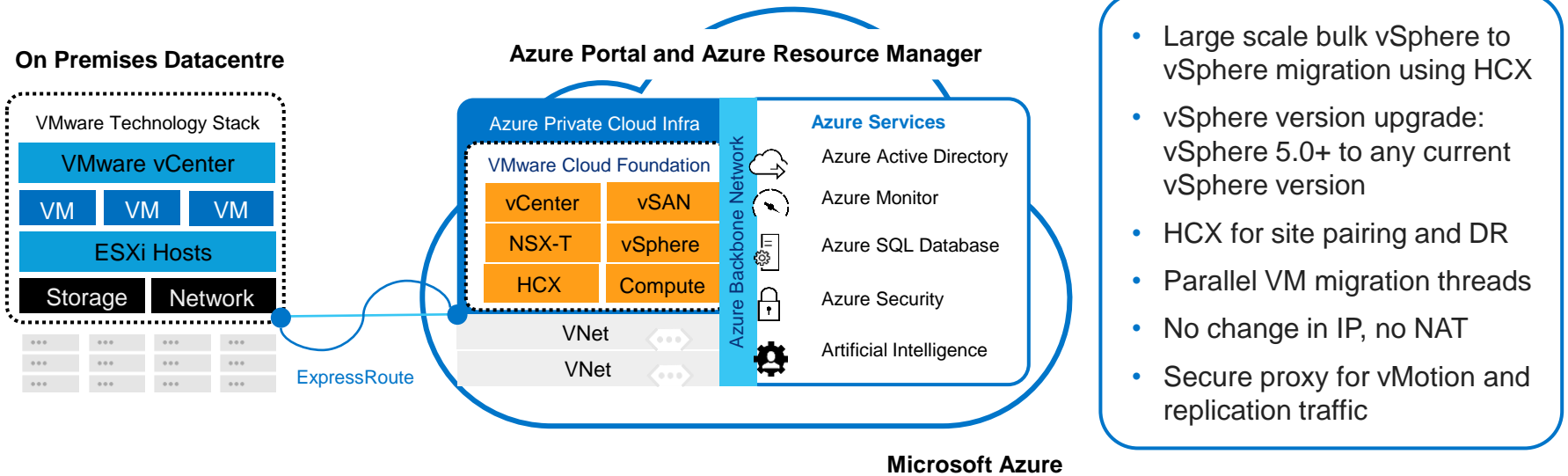


Run

Move all in-scope workloads to the destination environment on schedule and with minimum disruption

A typical Azure VMware Solution migration using VMware HCX

Robust HCX design to meet both technical and business requirements and constraints.



- Large scale bulk vSphere to vSphere migration using HCX
- vSphere version upgrade: vSphere 5.0+ to any current vSphere version
- HCX for site pairing and DR
- Parallel VM migration threads
- No change in IP, no NAT
- Secure proxy for vMotion and replication traffic

Customer migration success stories



One of Europe's largest gaming and betting companies

- **1,100 VMs migrated** with HCX software utilizing both bulk and vMotion paths
- Evacuated **4 datacentres in two countries**
- Over **4000 firewalls** objects and 2,300 firewall rules migrated prior to start date
- **230TB** of consumed storage migrated
- Delivered against challenging internal customer dynamics due to the 24/7/365 nature of business

A global insurance software company

- **65 VMs** migrated with HCX software utilizing bulk migration method
- **Evacuated multiple datacentres** in London and US east and west coast
- The customer had complex networking design across all their sites which was linked to their policy of supporting many end users across the globe.
- **41TB** of consumed storage migrated
- Outstanding customer feedback was received after migration completion

Visteon

The global technology company, a spin-off of Ford Motor Company, needed to move away from a highly centralised IT model to maintain competitive advantage.

Lumen designed and built a decentralised infrastructure across four datacentres in the US and Europe while also integrating and connecting its technology.

Visteon also deployed Lumen's private cloud, dedicated cloud compute, unified storage and backup and intelligent hosting services.

By providing Ethernet virtual private line connectivity to link datacentres while deploying dedicated firewall services, Lumen was able to ensure optimal performance and security across all distributed environments.

Lumen also delivered migration support and managed services to ensure that Visteon's business was not impacted during the transition to the new infrastructure.

“As a result of our partnership with Lumen, we have been able to move critical workloads to a pay-as-you-go model. This has already given us better visibility of our performance and costs. It has also given us more flexibility. Scalability has been key during the recent period, with our ability to transition smoothly to different ways of working demonstrating the value of the engagement with Lumen.”

Andy Howell

Enterprise Architect, Office Depot Europe

Why Lumen AVS Migration?

- ✓ Microsoft Gold Cloud Platform competency and VMware Principal Partner
- ✓ Three migration options available to meet different business needs
 - Proof of Value – To test and validate cloud workflows
 - Assisted – Enabling in-house teams to carry out effective migration
 - At-Scale – Complete migration with adoption support
- ✓ Over 20 years' experience of transformative datacentre migrations
- ✓ Substantial VMware migration and HCX knowledge with over 500 VMware workload migrations completed
- ✓ Expertise to overcome common challenges to ensure successful, efficient migration
- ✓ More than 1,000 mission critical workloads migrated
- ✓ Over 7,000 custom managed services configurations operated globally, based on individual customer needs

Thank you

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

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