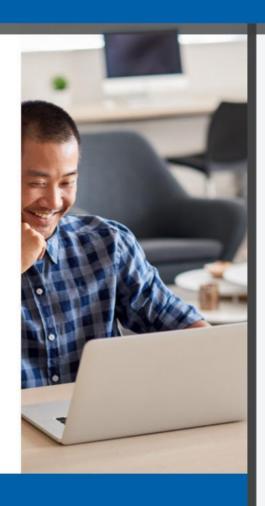# AZURE VMWARE SERVICE (AVS)

THE CHALLENGE

Migrating workloads to a public cloud platform posses significant business and operational benefits, but can be a challenge for an enterprise scale IT estate. A strategic approach to public cloud adoption, based on a process of modernising applications and platforms, will take many years to complete and will ofen be challenged by business and operational demands to accelerate the process. These demands typically come in the form of time constraints arising from hard deadlines to exit data centers, impending hardware refreshes, or a need for systems to have better proximity to new cloud native workloads.

Meeting these demands and accelerating migrations can ofen be hampered by technical and operational dependencies, such as VMware platform and tools, support for 3rd party integrations and cloud platform skills

SERVICE OFFERING

Microsoft and VMware provide customers with the ability to run their VMware platform natively in Azure with Azure VMware service (AVS). As a fully managed service customers can migrate existing VMware workloads from their own data center to Azure without the need to change the technical platforms used to host and run their applications

Computacenter can provide customers with the skills and services needed to assess the benefits of using AVS and carry out the readiness and migration of VMware workloads to an AVS platform

ENABLE PRIORITY ENTERPRISE USE CASES

Data center retirement or migration	Scale data center capacity in the cloud and stop managing hardware refreshes. Reduce risk and cost of cloud migrations and modernise applications at your pace
Data center extension and hybrid cloud	Extend your data center to the cloud to enable on-demand burst capacity and unify DevOps across VMware and Azure
Disaster recovery	Build or shif disaster recovery capabilities to the cloud, lower costs, and remove operational burdens. Leverage third-party DR services to maintain continuity with on-premises environment.
Virtual desktop infrastructure	Leverage AVS"s high-performance, all-flash, hyper-converged architecture to build and scale your virtual desktop infrastructure on demand and run VMware Horizon 7 to manage the delivery of virtual desktops and apps on-premises, in the cloud or in a hybrid or multi-cloud environment.
Application modernisation	Use AVS as a first-party solution, with its low latency and high-speed access to all Microsoft Cloud services to unify operations and securely connect both legacy and cloud-based workloads across environments
Compute-intensive applications	Scale on-demand and achieve consistent performance for compute-intensive applications without having to refactor applications. From high-volume transactions, Oracle DB, and VDI, you can run your most demanding applications with confidence.

OUR APPROACH

Azure VMware service (AVS) provides a managed platform service for running VMware virtual machines inside Azure. Workloads can be migrated without complex and time-consuming changes from on-premises ESXi hosts onto VMware managed hosts running in a supported Azure data center of your choice to accelerate your use cases

AVS is a powerful and flexible solution, and needs careful consideration of commercial, technical, and use case requirements. We have established partnerships and technical experience with both Vmware and Azure solutions that work to accelerate customer's migration programs. Our proven methodologies and governance models ensure infrastructure and operations are prepared to best practice and workloads are moved safely

We provide customers with an end-to-end migration solution, and the flexibility to adapt to each customers' needs. This means assisting with a clear strategy and plan for migration, performing workload discovery and dependency mapping, ready for piloting and then executing a large scale production migration to AVS

OUR VMWARE ON MICROSOFT SERVICES

Migration Business Case and Planning

Our AVS planning service helps customers determine their TCO, measures of success aligned to key use cases, validate the strategy and build a plan to ensure successful adoption

Discovery Analysis and Pilot Migration

Our discovery service aims to fully understand the application define technical requirements, interdependencies and user access patterns. We run a pilot exercise to validate the processes, tooling, and key measures needed

Production Migration and Validation

Our migration service builds on a validated pilot and provides an assured approach to readying the business and performing workload migrations with systems and support for functional testing and acceptance into support

BENEFITS

Validated business case for adoption

Governed end-to-end migration

Fully managed Vmware platform in Microsoft

Flexibility to integrate with Microsoft services

Measured pilot before full migration

300+ UK Consultants

200+ Technology Partner Ecosystem

Best Practice and Secure Design

AMPP Accelerated Partner Funding

Enterprise Experience and Case Studies

Independent Architectural Advice

Microsoft Solutions Partner
Infrastructure Azure
Specialist
Infra and Database Migration

Microsoft Solutions Partner
Data & AI Azure
Specialist
Infra and Database Migration

Microsoft Solutions Partner
Modern Work
Specialist
Meetings and Meeting Rooms for Microsoft Teams

Microsoft Solutions Partner
Microsoft Cloud

Microsoft Solutions Partner
Security

Microsoft Solutions Partner
Business Applications

Microsoft Solutions Partner
Digital & App Innovation Azure