

Azure VMware Solution

Extend to the cloud while leveraging your VMware investment

“We considered several factors and concluded that Azure VMware Solution offered us the most benefits, including cost savings and ease of management.”

Haidar Abouzenni
Systems Engineer
Carhartt

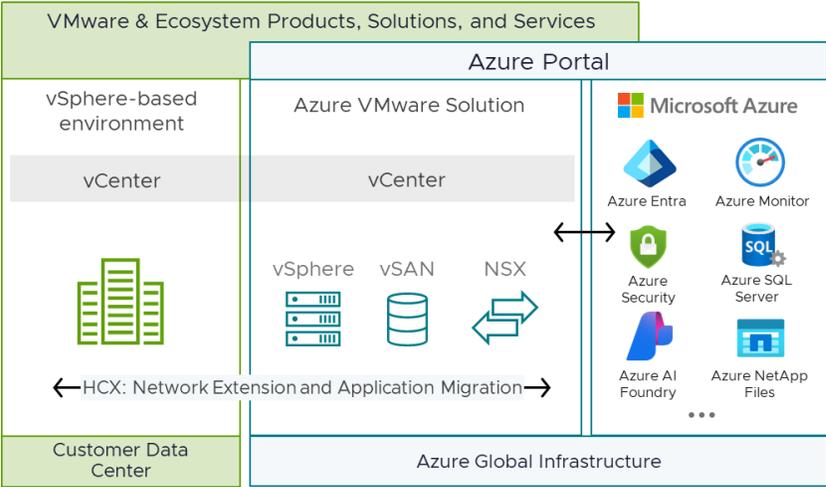
At a glance

- VMware Cloud Foundation core components running on Azure bare-metal hosts in over 30 regions worldwide, including Azure Government
- Azure service jointly engineered with Broadcom, operated and supported by Microsoft
- Operational consistency with on-premises VMware infrastructure
- Eligible for VMware Cloud Foundation license portability
- Integrated with Azure Portal and Resource Manager
- Large-scale workload portability
- Access to native Azure services
- Extend with VMware Cloud Foundation add-ons and partner solutions

Cloud migration challenges

IT teams are under pressure to adopt hybrid cloud and modernize applications using public clouds like Azure that offer flexibility, speed, and global reach. But, adapting workloads to run on cloud platforms can be slow and expensive. Obstacles commonly faced include:

- High upfront costs for refactoring and revalidation
- Incompatible machine formats and infrastructure services
- Changes to operational processes and reskilling
- Disparate management tools and security controls
- Inconsistent high-availability features for applications



Cloud made easy with Azure VMware Solution

Azure VMware Solution provides a VMware Cloud Foundation® environment in the Azure cloud integrating VMware vSphere®, VMware vSAN™, and VMware NSX® for compute, storage, and networking. Also included is VMware vCenter® for management and the VMware HCX workload mobility platform designed to simplify migrations to the cloud.

Flexible subscription options from Broadcom and Microsoft

Microsoft offers Azure VMware Solution on dedicated hosts in Azure data centers worldwide in a variety of compute, memory, and storage configurations.

Azure VMware Solution subscriptions can be obtained in two ways:

- **Integrated offering from Microsoft**
Provides the VMware software stack of vSphere, vSAN, and NSX delivered in an as-a-service model integrated on dedicated hosts in Azure regions. The service can be consumed on-demand on an hourly basis or get savings with 1-, 3-, and 5-year reserved instances.
- **VMware Cloud Foundation License Portability to Azure VMware Solution**
Port eligible VMware Cloud Foundation 5.1 or above licenses purchased from Broadcom to host subscriptions from Microsoft. Relocate ported VMware Cloud Foundation licenses as needs dictate.

Azure VMware Solution is offered in Azure Government regions for customers requiring US government security and regulatory compliance.

Azure VMware Solution runs natively on dedicated bare-metal Azure infrastructure so you can capitalize on existing VMware investments, skills, and tools. The software and operational consistency that leverages the scale, performance, and innovation of Azure makes extension to the public cloud with Azure VMware Solution straightforward and non-disruptive.

The compelling economics of Azure VMware Solution

With Azure VMware Solution you can reduce costs, increase efficiency, and modernize applications. Savings unique to Azure and deep integration with Azure services, management, and automation deliver ROI of 300% or more.^{1,2}

Speed migrations and deployments

- Skip replatforming and refactoring for 42% faster cloud migrations and 86% faster deployment of new compute and storage¹

Boost IT team productivity

- Leverage existing VMware skills to avoid time and cost of staff retraining
- Familiar VMware environment and cloud operating model increases infrastructure team efficiency by 45%¹

Lower costs for Microsoft applications for business owners

- Apply your existing on-premises Windows and SQL Server licenses with Azure Hybrid Benefit and save up to 85% over pay-as-you-go pricing³
- Free extended security updates for Windows Server and SQL Server

Simplify multi-environment operations for IT administration teams

- Unified consumption, licensing, and billing with other Azure services
- Support for Azure Resource Manager automation templates
- Events, alerts, and logs exposed in both environments

Deliver modern applications in environments optimized for developers

- Seamless access to Azure's market leading PaaS services
- Integration of VMware host and VM management into the Azure Portal
- Unified permissions and access control across both environments

¹ IDC White Paper, [The Business Value of Azure VMware Solution](#), July 2023

² Forrester Consulting, [The Total Economic Impact™ of Microsoft Azure VMware Solution](#), April 2024

³ Microsoft, [Azure Hybrid Benefit Cost Calculator](#), December 2024

Key benefits

- Gain continuity, scale, and fast provisioning for your VMware workloads on global Azure infrastructure.
- Leverage existing VMware investments, skills and tools while maintaining operational consistency with familiar technology including vSphere, vSAN, NSX, and HCX.
- Take advantage of Azure as the best cloud for your Microsoft workloads and leverage unmatched price benefits for Windows Server and SQL Server.
- Modernize applications at your pace through integration with Azure native management, security, and services.

“Given the breadth of the VMware product offering, it was a logical choice to simplify our IT landscape. Azure VMware Solution gives us the same management experience across on-premises and Azure.”

Wilbert Van Vilsteren
Senior Manager of Infrastructure Delivery and Cloud Transformation
Achmea

Azure VMware Solution use cases



Data center expansion

Flexible subscription options let you quickly scale out data center capacity on-demand for seasonal, temporary, or regional needs.



Disaster recovery to the cloud

Use Azure VMware Solution as a fully consistent DR site for your vSphere VMs with VMware Live Site Recovery or partner solutions.



Data center footprint reduction and migration

Reduce your on-premises infrastructure with fast, scalable, and non-disruptive migration of vSphere workloads to Azure.



Application modernization

Developers can tap into VMware Tanzu Platform and Azure's service ecosystem to incrementally modernize applications.



Cloud desktop virtualization

Extend on-premises Omnissa Horizon or other virtual desktops to the Azure cloud for capacity expansion or DR protection.

Extend Azure VMware Solution with VMware attached services

A growing set of Microsoft-validated VMware services enhance Azure VMware Solution and provide increased functional and operational parity between your on-premises data center and infrastructure in the Azure cloud.

[VMware Cloud Foundation Operations and Automation](#) – Deploy, operate, and automate infrastructure and applications on Azure VMware Solution from on-premises VMware Cloud Foundation.

[VMware Live Site Recovery](#) – Automate and orchestrate disaster recovery to the cloud and between clouds

[VMware Tanzu® Platform](#) – Accelerate delivery of modern apps with Tanzu Application Service.

[VMware Avi™ Load Balancer](#) – Deploy local and global load balancing and Web Application Firewalls for workloads in Azure VMware Solution.

[VMware VeloCloud™ SD-WAN](#) – Provide secure, reliable, and efficient connections to Azure VMware Solution workloads.

Take the next step in your move to Azure

For more information on Azure VMware Solution, please visit <https://www.vmware.com/solutions/cloud-partners/azure> or [contact VMware](#).