

Azure VMware Solution

Capitalize on existing VMware investments, skills, and tools while leveraging the power of the cloud

“With Azure VMware Solution, we can deliver unified shopping experiences based on a customer’s in-store and online activity, providing services that make it easier for shoppers to find clothing that’s a perfect match for their personal style.”

KEVIN NEHRING
CHIEF TECHNOLOGY OFFICER
LUCKY BRAND

AT A GLANCE

- VMware SDDC running on Azure bare metal infrastructure
- Sold, delivered, operated and supported by Microsoft
- Operational consistency with on-premises infrastructure
- Integrated with Azure Console and Resource Manager
- Large-scale workload portability
- Access to native Azure services
- End-to-end customer support by Microsoft

Challenges transitioning to the cloud

The growth and maturity of cloud computing, along with advancements in application development, have significantly contributed to the rapid transition of on-premises workloads to the cloud for organizations around the world.

However, despite all these advancements, companies still have difficulty quickly and effectively moving existing workloads to the cloud.

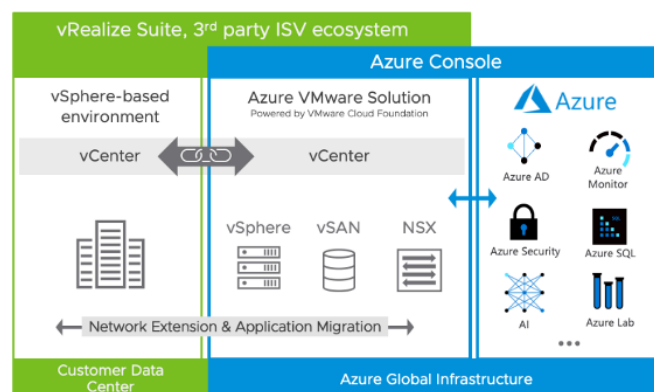
The challenges companies typically face when pursuing a cloud strategy include:

- Inconsistent operations between on-premises and the cloud
- Lack of required skills and the need for new tools
- Disparate management tools and security controls
- Inconsistent application SLAs
- Incompatible machine formats
- Increase in initial costs due to refactoring and revalidation
- Reduced agility caused by the need to refactor and migrate workloads

Rising to the occasion with Azure VMware Solution

With Azure VMware Solution, customers will be able to utilize VMware Cloud Foundation™, the unified VMware SDDC platform that integrates VMware vSphere®, VMware Virtual SAN™ and VMware NSX™ virtualization technologies. Also included is VMware HCX, an application mobility platform designed to simplify application migration.

Customers will be able to run VMware SDDC natively on dedicated bare-metal Azure infrastructure and capitalize on existing VMware investments, skills, and tools. This also allows for operational consistency, leveraging the scale, performance, and innovation of Azure.



“We can significantly reduce costs by standardizing on Azure VMware Solution and progressively migrating our systems to the cloud. We can do this incrementally without disruption to administration and application development. We also expect to see considerable financial savings as we reduce our on-premises infrastructure and software.”

MOHAMED SOLIMAN
BUSINESS TECHNOLOGY
INFRASTRUCTURE LEAD
AMOUN PHARMACEUTICAL

The value of VMware SDDC on Azure Cloud

The organizational benefits of extending on-premises workloads to the cloud go beyond the technological advancements. The ability for many of these companies to unlock significant cost savings is another key motivation. Azure VMware Solution is able to provide companies with the ability to reduce costs, increase efficiency, and modernize applications.

Best of both worlds

- VMware’s enterprise software combined with the flexibility and speed of Azure

Zero refactoring

- 69% lower migration cost¹ and time reduced from years to months

Existing skills

- Reduce time and cost of additional training by leveraging expertise already in place

Cloud economics

- Lower TCO vs. traditional on-prem environments from infrastructure and operational savings

The unique value of Azure VMware Solution

While there are other offerings that can also provide organizations with a path to the cloud, Azure VMware Solution sets itself apart with a unique set of features. It provides additional value to organizations looking to make the jump to the cloud while also solving problems for different stakeholders in the organization.

Lower cost for Microsoft applications for Business owners

- Free extended security updates for Windows and SQL Server 2008
- Support for Office 365 in Horizon® virtual desktop environments
- Bring and use existing on-premises Windows and SQL Server licenses

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 optimized environments for developers

- Seamless access to Azure’s market leading PaaS services
- Integration of VMware SDDC management into Azure portal
- Unified permissions and access control across both environments

1. IDC White Paper, sponsored by VMware, The Business Value of Hybrid Cloud with VMware, 2019

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, HCX, NSX-T and vSAN
- 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 running on VMware overtime through integration to Azure native management, security and services

Use cases



Datacenter footprint reduction and migration

Organizations will be able to reduce their on-premises infrastructure footprint via “one-time re-deployment” of their vSphere-based workloads to Azure in a non-disruptive, automated, and scalable fashion



Datacenter expansion

With flexible payment plans, organizations can quickly scale out data center capacity on-demand for seasonal, temporary or regional needs



Desktop virtualization

Ability to leverage high-performance infrastructure and fast networking for virtual desktop infrastructure (VDI) to burst on-premises virtual desktops or protect them against disaster



Application modernization

Ability for developers to tap into Azure's service and partner ecosystem and modernize parts or entire applications as needed without having to rewrite them from scratch



Disaster recovery

Use the VMware stack deployed in Azure as a primary or a secondary on-demand disaster recovery site for on-premises data center infrastructure

Summary

As more organizations shift to the cloud, Azure VMware Solution, a jointly engineered offering from Microsoft and VMware, will be able to simplify this process, and speed up this transition, all while reducing long term costs for customers.

For more information on Azure VMware Solution, please visit cloud.vmware.com/azure-vmware-solution or contact your VMware representative.