

Azure VMware Solution in Azure Government

VMware infrastructure on Microsoft's trusted cloud for U.S. government agencies

What is Azure Government?

Azure Government is the mission-critical cloud, delivering breakthrough innovation to U.S. government customers and their partners. Azure Government provides world-class security and compliance in dedicated cloud regions with physically isolated data centers and networks in the U.S. Customer data stays in the U.S. and is managed by screened U.S. citizens.

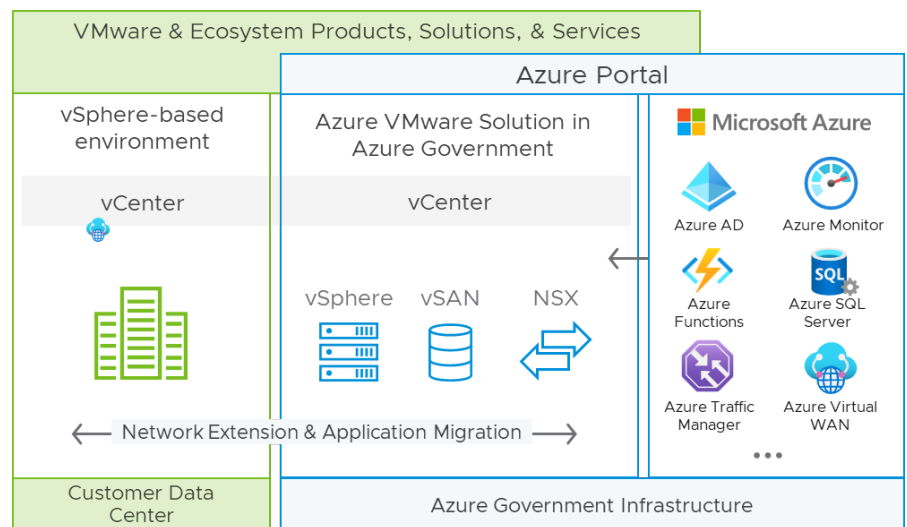
Solution overview

- VMware SDDC running on dedicated bare-metal infrastructure in Azure Government regions
- Safeguard your data and streamline compliance with the most [comprehensive compliance coverage](#) of any cloud service provider
- Operated and supported by Microsoft, jointly engineered with VMware
- Fully consistent vSphere, vSAN, and NSX software stack
- Includes VMware HCX for simple bi-directional workload migration
- Offers Azure costs savings for Windows Server and SQL Server with free [Extended Security Updates](#) and [Azure Hybrid Benefit](#)

U.S. government agencies are accelerating their adoption of the Azure cloud for the flexibility and scalability it offers. However, most agencies have a substantial investment in VMware infrastructure in their on-premises data centers and migrating to Azure would normally require a replatforming effort to shift from VMware to native Azure environments. With the introduction of Azure VMware Solution in Azure Government, agencies that must conform to U.S. government cloud security and compliance requirements can now easily move their VMware workloads to Microsoft Azure Government.

Streamlined cloud adoption for government agencies

Azure VMware Solution provides a unified VMware Software-Defined Data Center (SDDC) in the Azure cloud integrating VMware vSphere®, VMware vSAN™ and VMware NSX® for compute, storage, and networking. Also included is the VMware HCX® workload mobility platform designed to simplify migrations to the cloud.



Run a full VMware Software-Defined Data Center on bare-metal servers in Azure Government regions

Benefits of Azure VMware Solution in Azure Government

- Run, manage, and secure production applications in a seamlessly integrated hybrid IT environment.
- Migrate mission-critical workloads to the cloud while remaining in compliance with U.S. government requirements.
- Use existing skills, tools, and processes for managing private and public cloud environments.
- Deploy your first VMware SDDC in just hours and scale clusters up or down in just minutes.
- Migrate then modernize your apps using fast Azure backbone network connections to native Azure services.

Regional Availability

Azure VMware Solution will initially be available in the Virginia Azure Government region with additional Azure Government regions to follow.

U.S. Government Regulatory Compliance in Azure Government

Azure VMware Solution already meets Federal Risk and Authorization Management Program (FedRAMP) High certification in multiple regions of Azure Global and AVS in Azure Government will soon be acquiring additional U.S. compliance requirements shared by all Microsoft Azure Government services to include FedRAMP High and Department of Defense (DoD) Cloud Computing Security Requirements Guide (SRG) Impact Level (IL) 2, 4, 5 to help you meet your compliance obligations.

The Azure VMware Solution (AVS) SDDC runs natively on dedicated bare-metal infrastructure in Azure Government regions 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 cloud migration with Azure VMware Solution easy and Azure Government provides the security and regulatory compliance needed for your mission-critical applications.

Azure VMware Solution Use Cases



Data center footprint reduction and migration

Agencies can reduce their on-premises infrastructure footprint with a simple migration of their vSphere-based workloads to Azure Government in a non-disruptive, automated, and scalable fashion.



Application modernization

Developers can tap into Azure's service and partner ecosystem and the VMware Tanzu platform to modernize applications as needed without having to rewrite them from scratch.



Data center expansion

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



Cloud desktop virtualization

Leverage high-performance infrastructure and fast networking for virtual desktop infrastructure (VDI) to burst on-premises VMware Horizon or other virtual desktops to the cloud or protect them against disaster.



Disaster recovery to the cloud

Use the VMware stack deployed in Azure Government as a fully consistent on-demand disaster recovery site for on-premises data center infrastructure with VMware Site Recovery Manager or partner solutions.

Get started on your agency's move to VMware in Azure

Run your VMware workloads in the mission-critical cloud built to exceed U.S. Government requirements with Azure VMware Solution in Azure Government, a jointly engineered offering from Microsoft and VMware that simplifies migrations while reducing long-term costs.

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