

Azure VMware Solution Learning Companion

www.aka.ms/pathways



Getting started

Run VMware workloads on Azure VMware Solution

Introduction to Azure VMware Solution

- Introduction
- What is Azure VMware Solution
- How Azure VMware Solution Works
- When to use Azure VMware Solution
- Summary

Prepare to migrate VMware workloads to Azure by deploying Azure VMware Solution

- Introduction
- Plan an Azure VMware Solution deployment
- Plan network topology for Azure VMware Solution deployment
- Deploy Azure VMware Solution
- Connect to an on-premises VMware vSphere environment
- Configure NSX-T network components
- Knowledge check
- Summary

Migrate VMware workloads on-premises to Azure VMware Solution

- Introduction
- Plan HCX deployment
- Deploy and install VMware HCX
- Configure networking and compute profiles for VMware HCX
- Create service mesh for VMware HCX
- Migrate virtual machine workloads into Azure VMware Solution
- Knowledge check
- Summary

Deploy disaster recovery using VMware Site Recovery Manager and Azure VMware Solution

- Introduction
- Identify deployment workflow prerequisites
- Install SRM in Azure VMware Solution
- Install vSphere Replication Appliance
- Configure vCenter site pairing
- Knowledge Check
- Summary



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Azure VMware Solution Documentation

Learn how to use Azure VMware Solution to deploy a VMware Software-Defined Data Center (SDDC) private cloud to Azure

Overview:

- What is Azure VMware Solution?
- What's new
- FAQ

Get Started:

- Plan the deployment
- Deploy Azure VMware Solution
- Connect to on-premises
- Configure on-premise HCX connector
- Uninstall VMware HCX

Tutorials:

- Network Planning Checklist
- Create a private cloud
- Access a private cloud
- Configure networking
- Create an NSX-T network segment
- Peer on-premises to private cloud
- Expand or shrink clusters in a private cloud
- Delete a private cloud

Azure native integration:

- Protect, monitor and manage VMs
- Integrate Microsoft Defender for Cloud
- Protect web apps with Azure Application Gateway
- Deploy Traffic Manager to balance workloads
- Configure alerts and work with metrics
- Configure customer-managed key encryption at rest

Concepts:

- Access and Identity
- API Management
- Hub and Spoke
- Internet connectivity design considerations
- Network Design Considerations
- Networking and interconnectivity
- Private Cloud and Clusters
- Run Command
- Storage

Identity Management:

- Identity Concepts
- Configure external identity source for vCenter Server
- Configure external identity source for NSX-T Data Center
- Rotate the cloudadmin credentials

How to.....:

- Create an Azure VMware Solution Assessment
- Request host quota Azure VMware Solution
- Save costs with a reserved instance

VMware Solutions – How to:

- Configure HCX network extension
- Configure HCX network extension HA
- Configure vRealize Operations
- Deploy Horizon
- Create a content library to deploy VMs
- Upgrade HCX on Azure VMware Solution

Enterprise Scale for Azure VMware Solution:

- Azure VMware Solution landing zone accelerator
- Identity & Access Management
- Network Topology and connectivity
- Management and monitoring
- Enterprise-scale business continuity and disaster recovery
- Enterprise-scale security, governance and compliance
- Platform Automation and DevOps
- Enterprise-scale Automation

How to.....:

- Configure DHCP server or relay
- Configure DHCP on L2 stretched networks
- Configure a DNS forwarder
- Configure port mirroring
- Enable Public IP to the NSX-T Data Center Edge
- Configure a site-to-site VPN in vWAN
- Configure Windows Server Failover Cluster
- Connect multiple Azure VMware Solution private clouds in the same region
- Configure storage policy

Microsoft Blog:

- Azure Migration and Modernization Blog

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