

Azure VMware Solution QuickStart

OUTCOMES

- ◆ Azure VMware Solution (AVS) solution design
- ◆ Azure VMware Solution SDDC deployed
- ◆ Migration of virtual machines, including data seeding & error handling
- ◆ After hours cut-over event
- ◆ Next day support
- ◆ Knowledge transfer (up to 4 hours)
- ◆ Customized documentation (functional design document, final as-built documentation, test plan and results)

AVS Topology

AVS combines familiar vCenter, ESXi, NSX, and vSAN technologies with the flexibility and scalability of Azure.



Azure VMware Solution enables clients to run native VMware workloads in Azure with full compatibility, enabling rapid cloud migration without changing existing tools, processes, or skillsets. AVS delivers a scalable, secure, and fully managed infrastructure that integrates seamlessly with Azure. Presidio’s Azure VMware Solution Migration QuickStart offers the professional services expertise needed to successfully deploy and migrate to AVS, ensuring you get up and running smoothly.

SCOPE OF SERVICES

Deployment and configuration of (1) Azure VMware Solution (AVS) SDDC with (1) migration cutover event up to (50) VMs, including project management. This service includes the following:

- ◆ Conduct VMware Cloud Connectivity Workshop to discuss and validate infrastructure and networking design prerequisites.
- ◆ Develop Functional Design Document (FDD) based on workshop outputs.
- ◆ Deploy and configure (1) simple landing zone to support AVS SDDC.
- ◆ Deploy and configure (1) AVS SDDC with up to (8) AVS nodes in (1) region.
- ◆ Assist client in connecting (1) on-premises network to (1) Azure region using existing ExpressRoute or IPsec VPN using native Azure virtual networking.
- ◆ Deploy and configure VMware HCX virtual appliances between (1) on-premises VMware vCenter server and (1) AVS SDDC.
- ◆ Configure Layer 2 stretch (if desired) for up to (3) VLANs.
- ◆ Create test plan; test and validate the deployed AVS SDDC.
- ◆ Perform migration cutover event planning and prerequisites validation.
- ◆ Perform “pilot” HCX migration of up to (3) non-production VMs (up to 1 TiB total) from on-premises vSphere cluster to AVS SDDC to demonstrate HCX Bulk Migration functionality.
- ◆ Perform “production” HCX Bulk Migration of up to (50) VMs (up to 30 TiB total) from on-premises vSphere clusters to AVS SDDC during (1) single cutover event (up to 8 hours of after-hours engineering time).
- ◆ Provide post-migration (next day) support to assist in troubleshooting (up to 8 hours).
- ◆ Conduct basic product functionality knowledge transfer (up to 4 hours).

Let us know how we can help
Contact Presidio Today: www.presidio.com

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SERVICES AVAILABLE

Primary SKU	Service Name	Service Description	Max Qty
PS-PASVC-VIRT-AVS-BASE	Azure VMware Solution QuickStart	Deployment and configuration of (1) AVS SDDC with (1) migration cutover event up to (50) VMs.	1

The following services are available as additional scope when ordering with the above primary service.

ADD-ONS & EXTENDED SERVICES

Add-On SKU	Service Name	Service Description	Max Qty
PS-PASVC-VIRT-AVS-A1	Azure VMware Solution QuickStart – Additional VMs (50 VMs)	Add-on of (50) additional VMs (up to 30 TiB) and (1) additional after-hours cut-over event.	3
PS-PASVC-VIRT-AVS-A2	Azure VMware Solution QuickStart – Additional Cutover (1 Event)	Add-on of (1) additional after-hours cutover event, up to 8 hours after-hours and 8 hours next day support.	3
PS-PASVC-VIRT-AVS-A3	Azure VMware Solution QuickStart – Site Recovery Manager Protection (50 VMs)	Add-on deployment of VMware Site Recovery Manager for (1) on-premises location, up to 50 protected VMs.	3
PS-PASVC-VIRT-AVS-A4	Azure VMware Solution QuickStart – Elastic SAN	Add-on deployment of Azure Elastic SAN with integration of (1) AVS SDDC.	1
PS-PASVC-VIRT-AVS-A5	Azure VMware Solution QuickStart – Resident Engineer (4 Weeks)	Remote resident AVS engineer, up to 4 consecutive business weeks.	3

ASSUMPTIONS

- ◆ This service is provided entirely remotely.
- ◆ Remote access (VPN, etc.) is provided to Presidio, to facilitate on-premises configuration tasks.
- ◆ Access to Azure subscription is provided to Presidio.
- ◆ All project tasks occur during regular business hours, except for cutover window.
- ◆ Migration of VMs involve an outage during cutover event.
- ◆ Active Azure VMware Solution subscription is required.
- ◆ Existing ExpressRoute circuit or IPsec VPN is required.
- ◆ If using VCF License Portability, VCF core-based licenses must have been purchased after December 13, 2023, must be under a valid Broadcom support contract, and must be of sufficient quantity to license all CPU cores in AVS SDDC.
- ◆ Suitable Guest OS and application licensing required for all destination AVS SDDC nodes.
- ◆ Supported operating systems installed on each VM as per VMware and AVS compatibility matrixes.
- ◆ Supported version of VMware Tools is installed on all VMs.
- ◆ Fully supported and reliable on-premises source vSphere cluster that meets all current HCX and AVS requirements.

OUT OF SCOPE / CLIENT RESPONSIBILITIES

- ◆ On-premises network switch/router/firewall configuration
- ◆ Backup software configuration
- ◆ Backups of workloads
- ◆ Configuration of third-party software, appliances, or operating systems
- ◆ Configuration of VMware products not included in scope
- ◆ Configuration of Azure native components other than AVS required components
- ◆ Provisioning of new ExpressRoute circuit
- ◆ Application validation, re-configuration, or re-installation
- ◆ Migration of network devices into AVS (such as routers, load balancers, firewalls, etc.)
- ◆ Migration from non-VMware vSphere source environments
- ◆ Migration methods other than HCX Bulk Migration
- ◆ Infrastructure-as-Code (IaC) or custom scripting
- ◆ Application dependency mapping

The services in this brief are governed by: [Presidio Terms of Service Agreement](#)