

VMware Cloud on AWS QuickStart

OUTCOMES

- ◆ VMware Cloud on AWS (VMC) solution design
- ◆ VMware Cloud on AWS 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)

VMware Cloud on AWS Console

VMware Cloud on AWS is a fully managed solution by Broadcom, offering a cloud console that makes it easy to deploy and scale VMware based SDDCs on AWS's global infrastructure.

The screenshot shows the VMware Cloud on AWS console interface. It includes the following fields and options:

- SDDC Properties:** SDDC Name (VMware Test), Cloud (AWS).
- Deployment:** Multi Host (selected), Stretched Cluster (checkbox).
- vSAN Configuration:** ESA (Express Storage Architecture) Enabled (checkbox).
- Number of Hosts:** 4.

VMware Cloud on AWS enables organizations to extend their existing VMware environments to AWS with seamless operational consistency, delivered as a fully managed service by Broadcom. As one of VMware's original VMware Cloud on AWS launch partners since 2016, Presidio brings deep, proven expertise through our VMware Cloud on AWS QuickStart — helping customers accelerate deployment and migration, reduce risk, and achieve faster time to value.

SCOPE OF SERVICES

Deployment and configuration of (1) VMware Cloud on AWS (VMC) 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 VMC SDDC.
- ◆ Deploy and configure (1) VMC SDDC with up to (8) VMC nodes in (1) region.
- ◆ Assist client in connecting (1) on-premises network to (1) AWS region using existing AWS Direct Connect or IPsec VPN using native AWS virtual networking.
- ◆ Deploy and configure VMware HCX virtual appliances between (1) on-premises VMware vCenter server and (1) VMC SDDC.
- ◆ Configure Layer 2 stretch (if desired) for up to (3) VLANs.
- ◆ Create test plan; test and validate the deployed VMC 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 VMC 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 VMC 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).

Contact Presidio Today:
www.presidio.com/contact-us/

VMware Cloud on AWS QuickStart

SERVICES AVAILABLE

Primary SKU	Service Name	Service Description	Max Qty
PS-PASVC-VIRT-VMC-BASE	VMware Cloud on AWS QuickStart	Deployment and configuration of (1) VMC 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-VMC-A1	VMware Cloud on AWS 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-VMC-A2	VMware Cloud on AWS 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-VMC-A3	VMware Cloud on AWS 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-VMC-A4	VMware Cloud on AWS QuickStart – FSx for NetApp ONTAP	Add-on deployment of AWS FSx for NetApp ONTAP with integration of (1) VMC SDDC.	1
PS-PASVC-VIRT-VMC-A5	VMware Cloud on AWS QuickStart – Resident Engineer (4 Weeks)	Remote resident VMC 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 AWS account 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 VMware Cloud on AWS subscription is required.
- ◆ Existing AWS Direct Connect or IPsec VPN is required.
- ◆ Suitable Guest OS and application licensing required for all destination VMC SDDC nodes.
- ◆ Supported operating systems installed on each VM as per VMware and VMC 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 VMC 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 AWS native components other than VMC required components
- ◆ Provisioning of new AWS Direct Connect circuit
- ◆ Application validation, re-configuration, or re-installation
- ◆ Migration of network devices into VMC (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
- ◆ VMware software updates / lifecycle management

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

VMware Cloud on AWS QuickStart

ADD-ONS & EXTENDED SERVICES

Add-On SKU	Service Name	Service Description	Max Qty
PS-PASVC-VIRT-VMC-A1	VMware Cloud on AWS QuickStart – Additional VMs (50 VMs)	Add-on of (50) additional VMs (up to 30 TiB) and (1) additional after-hours cut-over event.	3

SCOPE OF SERVICES

- ◆ Add-on of (50) additional VMs (up to 30 TiB) and (1) additional after-hours cut-over event.

OUT OF SCOPE / CLIENT RESPONSIBILITIES

- ◆ Each cutover event is limited to a maximum of 75 VMs total.

Add-On SKU	Service Name	Service Description	Max Qty
PS-PASVC-VIRT-VMC-A2	VMware Cloud on AWS 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

SCOPE OF SERVICES

- ◆ Execute migration plan during (1) additional cutover event (up to 8 hours of after-hours engineering time).
- ◆ Provide additional post-migration (next day) support to assist in troubleshooting (up to 8 hours).

OUT OF SCOPE / CLIENT RESPONSIBILITIES

- ◆ Each cutover event is limited to a maximum of 75 VMs total.

Add-On SKU	Service Name	Service Description	Max Qty
PS-PASVC-VIRT-VMC-A3	VMware Cloud on AWS 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

SCOPE OF SERVICES

- ◆ Deploy and configure VMware Site Recovery (SRM) between (1) on-premises location and (1) VMC SDDC.
- ◆ Configure Site Recovery Manager replication and protection for up to (50) virtual machines.
- ◆ Configure IP address/subnet customization rules and mappings for up to (10) subnets.
- ◆ Configure up to (4) recovery plans.
- ◆ Execute (1) non-disruptive "DR Bubble Test" failover test of up to (50) VMs.

OUT OF SCOPE / CLIENT RESPONSIBILITIES

- ◆ All project tasks occur during regular business hours.
- ◆ No downtime to production workloads is expected.
- ◆ DR Bubble Test success criteria are limited to VMs properly powering up with the correct IP addresses.
- ◆ No application validation or testing is included in the DR Bubble Test.
- ◆ Layer 3 routing is specifically excluded from the DR Bubble Test.
- ◆ The "DR Bubble" is a single isolated Layer 2 network.

VMware Cloud on AWS QuickStart

ADD-ONS & EXTENDED SERVICES

Add-On SKU	Service Name	Service Description	Max Qty
PS-PASVC-VIRT-VMC-A4	VMware Cloud on AWS QuickStart – FSx for NetApp ONTAP	Add-on deployment of AWS FSx for NetApp ONTAP with integration of (1) VMC SDDC.	3

SCOPE OF SERVICES

- ◆ Deploy and configure Amazon FSx for NetApp ONTAP for use with VMware Cloud on AWS (VMC).
- ◆ Configure cloud networking between Amazon FSx for NetApp ONTAP and VMC.
- ◆ Present up to (5) Amazon FSx for NetApp ONTAP datastores to (1) VMC SDDC.

OUT OF SCOPE / CLIENT RESPONSIBILITIES

Add-On SKU	Service Name	Service Description	Max Qty
PS-PASVC-VIRT-VMC-A5	VMware Cloud on AWS QuickStart – Resident Engineer (4 Weeks)	Remote resident VMC engineer, up to 4 consecutive business weeks.	3

SCOPE OF SERVICES

- ◆ Remote resident VMC engineer, up to 4 consecutive business weeks.

OUT OF SCOPE / CLIENT RESPONSIBILITIES

- ◆ Services to be completed within 4 consecutive business weeks.