

VMware Cloud on AWS Implementation Service

At a glance

Organisations are looking to get more flexibility from their cloud infrastructure and expect a more consistent experience and streamlined access. With the same architectural and operational experience on-premises and in the cloud, IT teams can now quickly achieve business value from the use of AWS™ and VMware®.

VMware Cloud™ (VMC) on AWS enables Enterprise IT and Operations teams to continue to add value to their business in the AWS cloud, while maximizing their VMware investments, without the need to buy new hardware. This offering enables customers to quickly and confidently scale capacity up or down, without change or friction, for any workload with access to native cloud services.

Xtravirt designs and builds strategies and solutions to solve complex IT challenges to unlock your full business and technology potential. If you are considering a move to VMC on AWS, then this is the place to start.

The VMC on AWS Implementation Service is a 4 week engagement designed to accelerate the deployment process. The Service provides:

- Expert coaching through onsite workshops outlining the core differentiators and benefits of the VMC on AWS models and identifies the specific challenges your organisation is trying to resolve with VMC on AWS
- Best practice design services for a VMC on AWS solution aligned with recommended industry standards and vendor specifications
- Hands on deployment services to ensure the VMC on AWS solution integrates with existing systems
- Full project management function to accelerate the transition of service to the VMC on AWS solution
- A detailed review of how the solution performs against business requirements
- Full documentation and knowledge transfer from Xtravirt's leading cloud consultants

Why VMC on AWS

VMC on AWS brings the VMware SDDC to the AWS cloud, delivered as an on-demand service. It enables organisations to run applications across vSphere® based cloud environments with access to a broad range of AWS services.

Key features and benefits

- Drives long term strategy aligned with advances in modern Software Defined Data Centre (SDDC) technology and cloud practises ensuring business efficiency
- Delivers rapid, on-demand capacity to support the customer's business needs
- Achieves consistent infrastructure delivered as a service
- Optimised to run on a dedicated, elastic, bare-metal AWS infrastructure that is fully integrated as part of the AWS Cloud
- Provides enterprise grade scalability and performance with high availability built into the infrastructure.

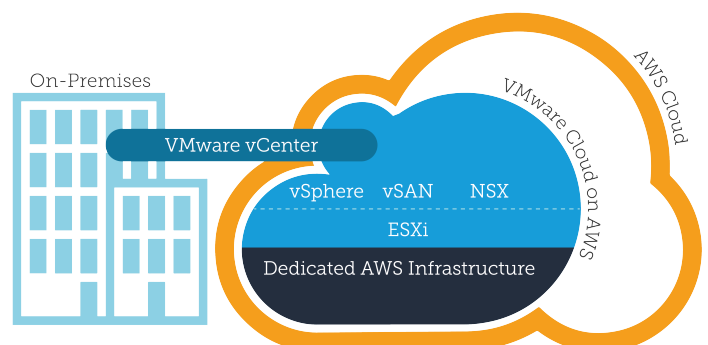
Key use cases

- **Cloud Migration** - Accelerate cloud migration without complex conversions and run your applications on VMware Cloud on AWS
- **Enterprise Infrastructure** - speed up provisioning and reduce procurement time. Hosts can be added in minutes. Take advantage of elastic capacity and usage-based economics
- **Cloud hosting** - improve redundancy and high-availability, taking advantage of globally available services. Flexible usage based pricing and simpler cloud deployments.
- **Dev/Test and Production** – deliver SDDC consistent dev or test environments that integrate with modern CI/CD automation tools
- **Access native AWS services** seamlessly for new application development

Activities and Outcomes

Xtravirt's service delivers the following:

- Onsite training to gain a deeper understanding of what VMC on AWS is and how it works
- Workshop sessions discussing key components and services with hands-on demos
- Assessment of specific use cases, planning and strategy
- Best practice implementation of a VMC on AWS SDDC solution
- Integration with existing on-premise VMware SDDC components
- Deployment of cloud first workloads on VMC on AWS
- Migration of identified on-premise virtual workloads to VMC on AWS
- Cross-connections to native AWS products and features



Schedule

Week 1	<ul style="list-style-type: none"> • Introduction workshops for VMC on AWS components and services with use case validation and prerequisites discussions • Information gathering and planning sessions covering existing customer environment and operational processes • Design workshops and architectural design creation • VMC and AWS account creation and subscription acquisition
Week 2	<ul style="list-style-type: none"> • SDDC single host starter deployment based on Cloud Foundation stack, provision additional connection options such as Direct Connect • Configure networking including IP subnets, VPNs, firewall rules, logical management and compute networks • Extend existing vCenter® with VMC on AWS Cloud SDDC via Cloud Gateway / Hybrid linked mode • Validate deployment with connection testing and issue remediation
Week 3	<ul style="list-style-type: none"> • Integrate with identify source(s) such as Active Directory • Configure VMC on AWS portal, SDDC roles and permissions • Define VMC on AWS storage and configure VMware vSAN™ policies • Content onboarding of virtual machine template, ISO's and scripts
Week 4	<ul style="list-style-type: none"> • Deploy cloud native virtual machines in VMC on AWS SDDC • Transition a subset of on premise vSphere virtual machines to VMC on AWS via Hybrid Cloud Extension (HCX), VMware vSphere vMotion® and cold migrations • Integrate VMware vRealize® SDDC components and native AWS product features • Scale up starter deployment to a 4 node SDDC VMC on AWS Cluster

Additional services

We deliver end-to-end outcomes, from cloud strategy through to solution implementation, including designing and building private/ hybrid clouds & self-service provisioning and management.

Other related services delivered by Xtravirt include, [VMC on AWS Planning](#), [CloudConnect](#), [Migration as a Service](#). Alternatively, services can be tailored to fit specific customer requirements.

About us

Xtravirt is an experienced consulting firm dedicated to delivering outcomes to help customers solve their complex IT challenges. We design and build strategies to help customers unlock the full potential of cloud, data centre and workspace technology.

Our core business covers digital infrastructure, hybrid cloud, digital workspace and cybersecurity. Our services include advising strategy and direction, optimising and integrating technology and teams.

Xtravirt are VMware Global Partner of the Year for Professional Services, hold all thirteen VMware Partner Solution Competencies and three VMware Master Services Competencies.

