

Professional Services for VMware Cloud on AWS

Extend your on-premises vSphere environment to the AWS Cloud

AT A GLANCE

Leverage our expertise in applications, infrastructure, AWS Cloud and VMware technologies to help you realize your hybrid cloud strategy.

KEY BENEFITS

- Get your VMware Cloud software-defined data center (SDDC) up and running faster
- Quickly implement hybrid cloud connectivity
- Migrate applications seamlessly, cost-effectively, and securely
- Leverage and optimize existing skillsets, tools and processes and extend them to AWS Cloud for unified operations and management
- Create and implement an end-to-end disaster recovery solution
- Rapidly build or expand your VDI environment

Business challenge

Organizations are recognizing the benefit of creating hybrid cloud environments that integrate public clouds with their on-premises infrastructure. When implemented on the right platform, hybrid cloud enables you to tap into the unique benefits of each infrastructure choice – whether it is to consolidate data centers, expand capacity, implement disaster recovery, create next-generation applications, or expand a VDI environment.

VMware Cloud™ on AWS makes it easy to quickly deploy these hybrid solutions across VMware on-premises infrastructure and AWS Cloud. Successful adoption requires proper planning as well as optimizing operations and management. What is required to validate your network and infrastructure readiness? Do you know how to migrate your applications to VMware Cloud with minimal disruption to existing resources and operations? How will you leverage and transform your current operations to manage the hybrid cloud environment? Will your critical applications and data be protected in the event of site failures? How can you determine application and/or VDI compatibility across the environments?

Service overview

VMware Professional Services can help your organization successfully adopt and scale VMware Cloud on AWS and ensure a smooth transition to a hybrid cloud environment.

VMware Cloud Activation™

Our experts can quickly operationalize your VMware Cloud SDDC in the AWS Cloud so that you can consume it sooner. We will design and deploy the compute, storage, and networking within the SDDC. The design is based on a VMware standard architecture that is tailored for your specific requirements and constraints. We design and implement a networking architecture, complete with network security and distributed firewalls, to interconnect your on-premises networking with your VMware Cloud SDDC. We can design and deploy a virtual workload mobility solution allowing you to securely and seamlessly migrate and protect applications and data. To ensure your team is fully enabled we define standard operating procedures (SOPs) tailored for your environment.

Cloud Migration

Leveraging best-in-class tools, a proven methodology, and a factory model, VMware Professional Services can efficiently and securely move applications from your current environment to VMware Cloud on AWS. We start by creating a migration strategy based on your business goals, priorities, and constraints. Then we perform a readiness assessment where we gather technical and functional requirements and evaluate your current and target environments. We can perform a discovery and analysis of the environments, map application dependencies, and prevent potential conflicts. We map the source infrastructure to the target infrastructure and create a detailed migration plan

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where we bundle workloads and schedule the migration events. We create migration runbooks and develop test and contingency plans. Finally, we will execute the migration in waves and support application validations to ensure the migration is accurate and complete.

Operations and Management

One of the benefits of a hybrid cloud is the ability to connect your public and on-premises clouds together and to have unified management between the two environments. We can help you optimize your people and processes for a hybrid cloud. We can help to integrate your metrics, monitoring, and dashboards. We can update standard operating procedures, and define and implement processes for event management, performance management, and capacity management, automated provisioning, showback/chargeback, service level management, and configuration management. We can also assess your current skills, identify gaps, and provide relevant training to help ensure that your IT staff fully enabled.

Disaster Recovery as a Service (DRaaS)

VMware Professional Service can help you create and implement a disaster recovery strategy that leverages VMware Cloud on AWS to recover critical apps and data in the event of site failures or ransomware incidents. We will help you implement an end-to-end disaster recovery solution that can help reduce the requirements for a secondary recovery site, accelerate time-to-protection, and simplify disaster recovery operations. We start by assessing your applications to determine which ones should or should not be protected based on business and technical requirements. Taking into account your Recovery Point Objective (RPO) and Recover Time Objective (RTO) requirements, we activate the appropriate DRaaS components in the VMware Cloud, deploy and configure the corresponding infrastructure on premises, and extend the on-premises network to the VMware Cloud on AWS to simplify disaster recovery testing. We discover and analyze the environments to be protected, map application dependencies, and create protection groups. Then we create, test, and validate the disaster recovery plan.

Virtual Desktops for VMware Cloud on AWS

VMware Professional Services can help you simplify the management and delivery of VMware virtual desktops and apps solutions on AWS Cloud. We can help you build a completely new VDI environment or extend an existing one to quickly add capacity, provide desktops for business continuity, or enable external developers or contractors who need desktops temporarily. VMware Professional Services will assess your virtual desktop foundation's readiness for extending to cloud-hosted infrastructure, deploy the SDDC foundation in AWS Cloud, provide remote access capability, and create a user environment management foundation.

Benefits

VMware Professional Services will leverage our expertise in applications, infrastructure, AWS Cloud and VMware technologies to help you realize your hybrid cloud strategy. We will optimize your environment to meet your business requirements, securely migrate your workloads, and enable your team to manage a hybrid cloud environment. Our holistic approach helps you minimize business disruption, and our proven methodology ensures predictable outcomes that maximize productivity during periods of technology change.