

Professional Services for VMware Cloud Activation

Accelerate adoption and consumption of VMware Cloud

At a glance

Rapidly create a VMware software defined data center (SDDC) on your target cloud platform, plan and implement migrations, plan and implement DR, and get started operating your VMware Cloud environment.

Key benefits

- Get your VMware Cloud SDDC up and running faster
- Quickly migrate workloads
- Streamline and expedite DR implementation
- Minimize risk and disruption to existing resources and operations
- Free IT staff to work on business-critical activities
- Effectively automate, operate, and monitor your environment.
- Enable your team through knowledge transfer

The faster you get your VMware Cloud™ environment up and running the sooner you can realize value from it. This involves creating an SDDC with one or more clusters on your target platform; integrating it with your existing environment; and automating, operating, and managing your environment. You may need to migrate workloads to your new environment, or leverage your SDDC for disaster recovery (DR). Does your IT staff have the required time, skills, and expertise? How can you avoid classic pitfalls and minimize risk?

Service overview

VMware Professional Services can activate your VMware Cloud environment quickly and seamlessly.

Deploy and integrate the environments

We start by deploying the infrastructure foundation including compute, storage, and networking based on a VMware standard architecture that is tailored to your specific requirements. We implement a networking architecture in combination with cloud-specific network technology to interconnect your on-premises network to your target VMware Cloud.

We can design and implement advanced networking to help you get started with intrusion detection and protection (IDS/IPS); implement distributed firewall policies; and design, deploy and configure VMware NSX® load balancers. We can also help secure your applications using security policies in VMware NSX-T™.

To help you operate your VMware Cloud, we can integrate VMware vRealize® Operations™, VMware vRealize Log Insight™, and VMware vRealize Network Insight™. This will help you monitor the capacity and performance of your VMware Cloud SDDCs, centrally collect and analyze logs, and understand systems and networking behaviors. We can also help you streamline and speed IT processes, as well as manage your infrastructure as code, by activating VMware vRealize Automation™. For both observability and automation, we deploy either the on-premises versions or the cloud versions of the products depending on your specific needs.

Learn more

Visit vmware.com/services.

Plan and run workload migrations

We can deploy a mobility platform with VMware HCX®. For environments with multiple SDDCs, we design the components of HCX based on the number of sources and targets. Then we pair the source and target sites.

To perform a workload migration, we start by developing a migration strategy to plan the size and scope of the migration. We discover and analyze the source environment to gather information on physical workloads, virtual workloads, and third-party tools. We evaluate the capacity, performance, network connectivity/throughput, and packet flows between applications, and map dependencies between applications to help avoid conflicts. We create a detailed migration plan that defines migration bundles and schedules based on business dependencies, and map the source infrastructure to the target infrastructure. Then we execute migrations in waves and verify the migrations completed successfully.

Plan and implement DR protection

To set up the DR environment, we can design, implement, and configure your DR appliances on the protected and recovery sites. We design the recovery site to match compute, storage, and memory requirements. We configure the target DR site and map the source site resources to it. Then we pair the protected and recovery sites.

To implement workload protection, we create a DR strategy based on your business goals and constraints. We discover and analyze the source site to gather comprehensive information on the workloads to be protected. We map VMs to each application in scope and determine dependencies within and between applications. We define protection groups and configure replication timing and snapshot frequency to match your identified recover point objective (RPO) and recover time objective (RTO) requirements. We create a detailed DR plan with a specific sequence of recovery steps, and map the source infrastructure to the target infrastructure. Then we test and validate the DR plan to help ensure that failover is accurate and complete.

Get started operating the environment

To ensure your team is fully enabled we provide knowledge transfer at each stage of the engagement. We can also define Standard Operating Procedures for processes such as capacity management, virtual machine management, and patching and upgrades. We provide guidance on how to integrate these operating procedures with your existing ones.

Benefits

VMware Professional Services has the experience, best practices, and proven methodologies to help you get to multi-cloud faster. Our certified experts can help reduce risk and complexity and quickly get your projects successfully completed with minimal disruption to existing resources and operations.