

# Professional Services for VMware Cloud Migration

Move applications to the cloud with speed and confidence

## At a glance

Move applications from your on-premises data center to public cloud or a new data center location efficiently and reliably.

## Key benefits

- Migrate applications quickly and securely
- Execute large scale migrations of thousands of workloads
- Gain a network view of your applications and infrastructure
- Understand dependencies between applications
- Minimize disruption to existing resources and operations
- Minimize downtime and reduce risk
- Free IT staff to work on business-critical tasks

Business requirements change, and both planned and unplanned situations occur that drive the need to move application workloads from one platform to another. You've deployed your cloud environment, and now you're tasked with migrating applications to drive adoption. Or you need to consolidate data centers resulting from mergers and acquisitions. Perhaps you need to move out of a facility due to lease expiration. Maybe you want to move to cloud for cost savings, environmental sustainability, flexible access, scalability, or availability. Or maybe you want to repatriate for compliance requirements or increased control.

Whatever the reason, moving application workloads from one platform to another is not simple or easy. Do you have a well-defined migration strategy? know what the dependencies are between your applications and what you need to migrate? Do you have the resources and time to plan and execute the migrations without disrupting current operations? Does your staff have the required skills and expertise?

## Service overview

VMware Professional Services can help you efficiently and securely move applications to a new VMware platform whether it is on-premises infrastructure, private cloud, or public cloud.

Prior to starting your migration project your VMware SDDC needs to be activated. Our [VMware Cloud Activation™ services](#) can help you quickly and seamlessly set up your VMware Cloud environment if needed.

## Develop a migration strategy

We start by developing a migration approach based on your business goals and priorities. We identify what you want to achieve, any deadlines or time constraints, cost constraints, and application constraints. Then we develop a high-level migration plan with specific execution tasks that identifies who will do what and when.

## Learn more

Visit [vmware.com/services](https://vmware.com/services).

A key aspect of your migration strategy is building the migration team. We work with you to select champions in critical areas/disciplines including network and security, operations, infrastructure, and applications. Our VMware experts work together with your champions to drive the migration.

### Discover and analyze environments

We gather information through interviews with stakeholders on the applications and workloads in scope. This includes information on physical workloads, virtual workloads, third-party tools (for example CMDB and ServiceNow), applications and infrastructure. We use various tools to verify the information is up to date and discover any gaps.

We evaluate the capacity, performance, network connectivity/throughput, and packet flow between applications in the current environment. We assess any business continuity/disaster recovery, compliance, and security requirements needed for the target environment.

Using the discovery information, we map application dependencies to avoid potential conflicts such as sequence, bandwidth, or data security concerns.

### Create and execute a detailed migration plan

To create a detailed migration plan, we start by mapping the source infrastructure (server, network, and storage) to the target infrastructure. We prepare and configure external and core services at the target such as load balancers, active directory, file servers, public IP addresses, and DNS names.

We create a testing schedule and contingency plans including a rollback strategy to mitigate risk if the migration execution encounters problems. We also create a migration runbook that defines the VMs to be migrated, their order, and additional configuration parameters.

Finally, we bundle, schedule, and execute the migration in waves and perform a validation to ensure the migration is accurate and complete.

### Get started operating the environment

To help ensure your team is fully enabled we provide knowledge transfer at each stage of the engagement. We also provide best practices and standard operating procedures for processes such as service request management, capacity management, VM management, monitoring, and patching and upgrades. We provide guidance on how to integrate these operating procedures with your existing ones.

## Benefits

VMware Professional Services can get your applications where they need to be, faster. We leverage specialized toolchains and a holistic approach that addresses the end-to-end application migration lifecycle. Our scalable and standardized methodology supports large scale migrations with minimal downtime and reduced risk, and leveraging our experts frees your staff to work on business-critical tasks.