

Pathways to VMware Cloud Foundation 9

VCF Professional Services

At a glance

Get to VCF 9 faster with expert assistance for upgrading an existing environment or building a new private cloud.

Key benefits

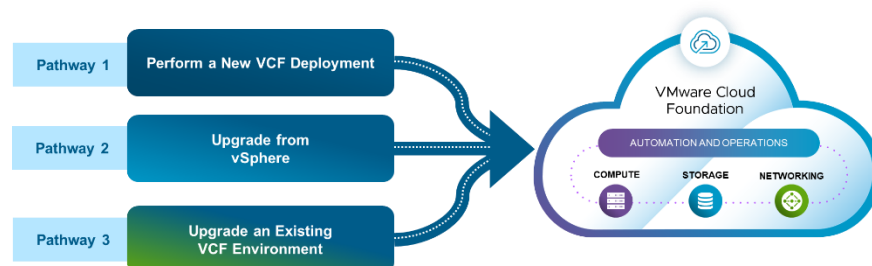
- Rapidly transition to VCF 9.
- Reduce risk and complexity whether upgrading or building a new environment.
- Minimize disruption to existing operations.
- Benefit from best practices, proven methodologies, and deep knowledge of VMware technology.
- Keep your IT staff focused on business-critical tasks while we help you achieve your future state architecture.

Ready to unlock the full potential of VMware Cloud Foundation® 9? Your journey is unique, whether it's deploying a new VCF private cloud, converging existing VMware vSphere® instances into VCF, or upgrading an existing VCF environment. Often managing day-to-day demands and competing projects delay needed transitions. And your team may need help with experienced resources who can transform your environment successfully. Regardless of your starting point, VMware Pro Cloud Services™ can help accelerate your journey to VCF 9.

Pathways to VCF 9 with VMware Pro Cloud Services

Our VMware Pro Cloud Services, delivered by VCF Professional Services, can expertly transition your environment to VCF 9. Our approach is grounded in best practices and insights gained from our extensive experience working with diverse organizations.

There are three pathways to transition your environment to VCF 9.



Perform a new VCF Deployment

Performing a new VCF deployment is ideal if you are doing a hardware refresh, expanding into a new data center or wanting to stand up a new private cloud. Additionally, if you have an existing environment that does not meet the requirements for upgrading, a new installation may be the best pathway.

We design, deploy, integrate, and configure your virtual compute, network, storage,

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automation and operations platform. We build a service catalog with VM as a Service and implement security standards and hardening. To help you operate and manage your new environment, we define a cloud operating model and conduct knowledge transfer.

Once your new environment is ready, we can migrate your application workloads. We perform methodical large-scale migrations to de-risk moving your applications to the new environment. We develop a migration strategy, discover and analyze your environment, create a detailed migration plan, and perform and validate the migrations.

Upgrade from vSphere

If you have standardized on vSphere and want to take advantage of VCF features, this pathway can help you converge your existing components to a VCF environment. We start by checking and remediating prerequisites, then upgrade vSphere and VMware NSX as required. If there is no pre-existing VCF environment, we deploy a new SDDC Manager instance and convert vSphere to VCF. If there is an existing VCF instance, we can directly import vSphere to VCF. After the upgrade is complete, we validate the environment.

Upgrade an existing VCF environment

If you already have VCF, an in-place upgrade can be performed using the built in lifecycle management workflows. The effort for this pathway is typically lighter; there is no workload migration required and workloads remain within the same environment. However, there is still a need to validate the current hardware and configuration requirements to ensure the upgrade goes as smoothly as possible.

We begin by checking and remediating the environment. Then we upgrade existing automation and operations components, and upgrade VCF core components (SDDC Manager, NSX, VMware vCenter®, and ESX hosts). We deploy a new VMware Cloud Foundation® Operations instance if not previously installed. Then we perform any required final upgrade activities such as configuring licensing and upgrading VI workload domains. We conclude by validating the environment.

Benefits

VCF Professional Services has the experience, best practices, proven methodologies, and deep knowledge of VMware technology that can help you reduce risk and complexity while minimizing disruption. From architecting, deploying, and integrating a new private cloud, to upgrading existing environments, we can help you achieve your private cloud initiatives faster. Contact your Broadcom Account Director to learn more about how VCF Professional Services can help your organization.