

Build a Private Cloud

VCF Professional Services

At a glance

Simplify and accelerate adoption of a full-stack VMware Cloud Foundation® (VCF) environment.

Key benefits

- Rapidly deploy a private cloud
- Enhance security through hardening
- Establish an initial service catalog
- Operate and manage your new environment at scale
- Reduce risk and complexity
- Minimize disruption to existing operations
- Free up your IT staff to work on business-critical tasks

Implementing a full-stack private cloud can be complex. You need to deploy and configure virtualized compute, storage, and networking infrastructure and integrate the solution with your existing environment. You also need to be able to effectively operate and manage the environment at scale. To avoid snowflakes, it's important to leverage standardized and prescriptive architecture. The key to success is standing up a tightly integrated platform that provides flexibility to scale as needed and support current and future capabilities. Our VMware Pro Cloud Service™ to Build a Private Cloud can help.

Service overview

VCF Professional Services can help you build a strong foundation for private cloud. Delivered by VMware technology experts, we leverage VMware reference architectures to deliver a tightly integrated, flexible, and scalable solution to help ensure success.

Deploy a new private cloud

To stand up a new private cloud environment, we start by assessing the cloud readiness of your current environment. Then we design and deploy your new cloud environment including compute, network, storage, and application configuration. We also deploy and configure an automation and operations platform for management of your infrastructure.

Enhance security through hardening

Reducing your system's vulnerability to attacks is paramount. Our experts can help reduce your system's attack surface by implementing security standards such as NIST and ISO 27001 for your compute, storage, and network components, as well as your automated installation and configuration tools.

Establish an initial service catalog

A private cloud is only as good as its accessibility. To enable immediate value, we design and

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configure a self-service catalog, enabling automated provisioning of Microsoft Windows or Linux VMs. This allows you to shift from a manual ticket-based model to a true cloud experience out of the gate.

Operate and manage at scale

Once your cloud environment is in place, you need to be able to operate and manage it. We define new roles and skills for your infrastructure team. We can assess your current skills, identify gaps, and provide knowledge transfer to help ensure that your IT staff is prepared to manage your environment.

We design and implement capabilities to increase visibility into your new environment such as metrics and monitoring, dashboards, and centralized logging. We define and implement processes to help simplify and speed operations including capacity and performance management. We also enable support for platform lifecycle management processes.

Benefits

VCF Professional Services has the experience, best practices, and proven methodologies to make your cloud journey smooth and effective. Our broad expertise and deep knowledge of VMware technology can help reduce risk and complexity. Our standardized, repeatable, and prescriptive approach helps ensure consistency and reliability. From deploying and securing your cloud environment to implementing operations and management, we can help you build a well-architected foundation to support your current and future IT service delivery needs.