Build a Modern Private Cloud

VCF Professional Services

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 deploy and configure an automation and operations platform to effectively operate and manage the environment. The key to success is standing up a tightly integrated platform that provides flexibility to scale as needed and support current and future capabilities. Do you have the knowledge, skillset and vision to know how all the components should work together to drive greater value? Our Extended Expert Team Service to Build a Modern Private Cloud can help.

Service overview

Based on Broadcom's implementation of a modern private cloud, VCF Professional Services can help you stand up and start operating your full-stack private cloud instance faster. Delivered by a cross-functional team of VMware technology experts, we leverage a standardized and prescriptive approach to help simplify deployment, reduce complexity, and speed adoption.

Stand up a new environment

To stand up your 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 deploy and configure automation and operations components for management of your infrastructure, including integration with your existing tools and systems.

To enable fast, frictionless access to IT services we activate a self-service catalog with three services out of the box:

- VM as a Service (VMaaS) allowing users to access and utilize computing resources like CPU, memory, and storage

- Database as a Service (DBaaS) allowing users to access and use databases

- Container as a Service (CaaS) allowing users to manage and deploy containerized applications

At a glance

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

Key benefits

- Rapidly deploy a full-stack private cloud instance

- Create a self-service catalog for fast, easy access to IT services

- Manage and operate 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

We also provide predefined KPIs and dashboards for centralized visibility and control of your private cloud infrastructure.

Operate and manage at scale

Once your private cloud is in place, you need to be able to operate and manage it. We work with you to establish three essential operational capabilities:

• Service request management

• Incident management

• Monitoring and observability

For service request management, we implement end-to-end request and fulfillment processes that bridge the gap between users and technology. This isn't just about automating VM provisioning, it's about creating a sustainable model for service delivery that can evolve with your organization's needs.

We develop and implement incident management processes that integrate with your existing tools and workflows. This includes establishing escalation paths, defining communication protocols, and creating playbooks for common scenarios.

Operating a private cloud requires a clear line of sight into system health and performance. We establish comprehensive monitoring processes and procedures and enable the telemetry needed for proactive operations. This gives operators the visibility and insights they need to maintain service levels and drive continuous improvement.

Benefits

VCF Professional Services has the experience, best practices, and proven methodologies to make your cloud journey successful. 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 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.