

# Build a U.S. Federal Cloud

## VCF Professional Services

### At a glance

Simplify and accelerate adoption of a VMware Cloud Foundation® (VCF) solution for U.S. federal agencies.

### Key benefits

- Rapidly deploy a private cloud for U.S. federal agencies
- Help ensure consistency and reliability with a standardized, repeatable, and prescriptive approach
- Enhance security through hardening based on STIG
- Manage and operate your new environment at scale
- Get assistance navigating the Authority to Operate process
- Minimize disruption to existing operations
- Free up your IT staff to focus on higher priority initiatives

Implementing a U.S. federal 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 supports current and future capabilities. Our VMware Pro Cloud Service™ to Build a U.S. Federal Cloud can help.

### Service overview

VCF Professional Services can help you build a strong foundation for a U.S. federal cloud. Our service is delivered by VMware technology experts who are U.S. citizens with security clearances and are located on U.S. soil. 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 U.S. federal 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 the automation and operations platform for the management of your infrastructure.

#### Enhance security through hardening

Reducing your system's vulnerability to attacks is paramount. Our experts secure your environment by implementing security hardening based on STIG for your compute, storage, and network components, as well as your automated installation and configuration tools.

## Learn more

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

### **Establish an initial service catalog**

A private cloud is only as good as its accessibility. To enable immediate value, we design and configure a self-service catalog, for automated provisioning of Microsoft Windows or Linux VMs. This allows you to shift from a manual ticket-based model to a true cloud experience.

### **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.

### **Support for Authority to Operate (ATO)**

Obtaining approval for the ATO process can be complex and time consuming. By leveraging our expertise in security requirements and regulations, conducting thorough assessments, and quickly addressing any gaps or issues, we help accelerate your journey towards achieving ATO.

### **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.