

Build a Federal Cloud

VMware Pro Cloud Services

At a glance

Simplify and accelerate adoption of a full stack VMware Cloud Foundation™ for a federal private cloud, while getting support to efficiently navigate the ATO process.

Key benefits

- Rapidly deploy a federal private cloud
- Enhance security through hardening
- Manage and operate your new environment at scale
- Support and accelerate ATO process

Embarking on the journey to build a federal cloud presents numerous challenges. From navigating regulatory requirements to ensuring seamless scalability, it requires careful planning and expertise. Do you have the time and resources to design and implement a federal cloud across your compute, storage, and networking infrastructure, and ensure seamless integration into your existing environment? How do you plan to strengthen your environment against potential cyberthreats? Are you prepared to efficiently navigate the ATO process in the rapidly evolving regulatory landscape? Having a trusted partner to guide you through the complexity of a federal cloud deployment is crucial.

Service overview

VMware Pro Cloud Services™ can help you build a strong foundation for a federal cloud. Delivered by a cross-functional team of VMware experts, we leverage VMware Validated Solutions and reference architectures to provide a standardized and prescriptive approach to deliver a tightly integrated solution delivered by U.S. Citizens on U.S. soil with security clearances.

Stand up a new environment

To stand up a new federal cloud environment, we start by designing and deploying your new cloud environment including compute, network, storage, and application configuration. Then, we deploy and configure the automation and operations platform for the management of your infrastructure.

Implement Security Hardening with STIG Readiness Guides

VMware experts secure VMware Cloud Foundation by implementing the application and appliance Security Technical Implementation Guides (STIG) Readiness Guidelines across the full stack. We collaborate closely with you, taking an iterative approach to implement security controls aligned to your specific requirements to help reduce your system's attack surface. Additionally, we provide documentation assistance and Plan of Actions and Milestones

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(POA&M) support, helping ensure clarity and thorough documentation throughout the process.

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 data center 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 Authorization to Operate Process

Obtaining approval from the Authorization to Operate (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 support and accelerate your journey towards achieving ATO.

Benefits

VMware 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.