Automate to Deliver IaaS

VCF Professional Services

At a glance

Create a self-service catalog for fast and easy access to IT services or develop and implement CI/CD and configuration management solutions for VMware Cloud Foundation® (VCF) environments.

Key benefits

• Get the benefits of Infrastructure as a service (IaaS)

• Streamline and automate resource provisioning

• Implement standard, consistent, and repeatable CI/CD workflows

• Reduce risk and complexity

• Minimize disruption to existing operations

• Free up your IT staff to work on business-critical initiatives

IT teams and developers need fast, easy access to the services they need when they need them. This includes virtualized infrastructure resources such as compute, storage, and networking. It also includes software development capabilities such as CI/CD pipelines and configuration management. Do you know how to define standardized services? Can you implement a self-service portal with automated provisioning? Are you able to integrate CI/CD pipelines and enterprise configuration management tools with your automation solution? Does your staff have the necessary time and skills? Our VMware Pro Cloud Service™ Automate to Deliver IaaS can help.

Service overview

VCF Professional Services can help you define and implement a self-service catalog of IT services, built on VCF, that provides seamless access to infrastructure services and infrastructure as code (IaC) capabilities. Delivered by a cross-functional team of VMware technology experts, we leverage reference architectures to provide a standardized and prescriptive approach to defining and implementing your solution.

Strategic activities

We start with a series of strategic activities to define your solution. This can include the following:

• Define goals and success metrics for self-service catalog and IaC capabilities.

• Evaluate current state and the initial offerings, use cases, intended consumers, and service value modeling.

• Identify CI/CD, DevOps, data store, IaaS and multi-tenant service owners. Define and recommend roles, responsibilities, and separation of duties across the automation service.

• Define an adoption plan.

![vmware by Broadcom]

• Establish feedback processes for continuous service improvements.

Technical implementation

After defining your solution, we implement it in your environment. Activities can include:

• Define and implement IaaS services (e.g., VM as a Service) in a service catalog. Automate provisioning and management for streamlined operations.

• Integrate 3rd party systems (e.g., IPAM, DNS, storage, security tools, identity management tools, ITSM tools) with IaaS provisioning and deprovisioning workflows.

• Define and implement IaC capabilities (e.g., CI/CD pipelines, configuration management) for automated provisioning or scaling.

• Automate IaaS workload desired state configuration, drift detection, and remediation.

• Design, deploy, and configure monitoring and reporting of IaaS services.

Benefits

VCF Professional Services can help you create a service catalog of infrastructure services with self-service access and automated provisioning and implement CI/CD and configuration management solutions. We use a proven, scalable, and repeatable methodology to help ensure fast and consistent implementation. From defining standard services, to implementing a self-service portal, to establishing ongoing processes and workflows, we can help you implement and manage your solution faster and more efficiently.