

# VCF43-MO (VMWARE CLOUD FOUNDATION: PLANNING, MANAGEMENT, OPERATIONS [V4.3]) 4.3

## Objetivo

Objectives By the end of the course, you should be able to meet the following objectives:

- Describe design implications of VMware Cloud Foundation standard or consolidated architecture
- List requirements for VMware Cloud Foundation deployment
- Describe the VMware Cloud Foundation bring-up process and the VMware Cloud Foundation architecture
- Perform VMware Cloud Foundation bring-up
- Describe physical and virtual networking considerations
- Outline VMware Cloud Foundation storage options
- Use the VMware Imaging Appliance to image ESXi hosts
- Describe VMware Cloud Foundation multi-instance federation
- Use VMware Cloud Foundation SDDC Manager to perform operational tasks
- Describe user roles in VMware Cloud Foundation and VMware vSphere
- Manage users and passwords using VMware Cloud Foundation
- Manage certificate rotation for VMware Cloud Foundation components
- Use Active Directory integration to automate certificate generation and rotation
- Describe workload domains
- Manage workload domains in VMware Cloud Foundation
- Manage VMware NSX-T for VMware Cloud Foundation
- Describe use cases for Application Virtual Networks (AVNs)
- Meet vSphere with Tanzu requirements
- Deploy a vSphere with Tanzu enabled workload domain
- Manage VMware vSAN storage in a workload domain
- Create vSAN storage policies
- Describe Cloud Native storage
- Describe the importance of business continuity measures in VMware Cloud Foundation
- Plan appropriate backup and restore workflows for VMware Cloud Foundation components
- Implement stretched clusters in VMware Cloud Foundation workload domains

## Público Alvo

Audience Experienced system administrators, system integrators, and consultants responsible for implementing and managing VMware Cloud Foundation.

## Pré-Requisitos

Prerequisites This class requires system administration experience with vSphere deployments and completion of the following courses:

- VMware vSphere: Install, Configure, Manage
- VMware NSX-T Data Center: Install, Configure, Manage
- VMware vSAN: Management and Operations

## Carga Horária

40 horas (5 dias).

## Conteúdo Programático

### COURSE OUTLINE

- Module 1: Course Introduction

- Module 2: VMware Cloud Foundation Overview
- Module 3: Day Zero Tasks
- Module 4: Post Deployment Operations
- Module 5: VMware Cloud Foundation License Management
- Module 6: VMware Cloud Foundation Networking with NSX-T
- Module 7: Managing Workload Domains
- Module 8: vSphere with Tanzu in VMware Cloud Foundation
- Module 9: VMware Cloud Foundation Storage Management
- Module 10: Availability and Business Continuity
- Module 11: VMware Cloud Foundation Certificate Management
- Module 12: VMware Cloud Foundation Life Cycle Management
- Module 13: VMware Imaging Appliance
- Module 14: VMware Cloud Foundation Multisite Instance Federation
- Module 15: VMware Cloud Foundation Troubleshooting