

# VMware Cloud Foundation: Automate and Operate (VCFAO)

ID VCFAO Price on request Duration 5 days

## Who should attend

System architects and system administrators

## This course is part of the following Certifications

VMware Certified Professional – VMware Cloud Foundation Administrator (VCP-VCFA)

## Prerequisites

Before taking this course, students should take the following courses:

- [VMware vSphere: Install, Configure, Manage \[V8\] \(VSICM8\)](#)
- [VMware NSX: Install, Configure, Manage \[V4.0\] \(NSXICM4\)](#)

## Course Objectives

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

- Describe VCF Automation components and supporting architecture
- Perform infrastructure management as a cloud provider
- Deploy Regions and Organizations as the cloud provider
- Configure networking at the cloud provider and organization levels
- Configure and manage content libraries at the provider and organization levels
- Manage access control in the organization using users and groups
- Create and manage infrastructure blueprints and catalogs
- Describe the use of the embedded orchestrator to create workflows
- Deploy VM workloads using catalog deployment and Kubernetes-based IaaS deployments
- List the key features of VCF Operations
- Outline VCF Operations use cases
- Create custom views and reports
- Describe the functions of dashboards
- Create custom dashboards

- Create custom symptoms and alert definitions
- Outline the role of VCF Health and Diagnostics
- Explain Troubleshooting Workbench
- Describe the VMware Cloud Foundation® Operations for logs overview
- Identify performance and health issues with the Storage clusters using Storage Operations
- Identify performance and health issues with the VCF Network objects
- Create policies to meet the operational needs of your environment
- Configure service discovery and application monitoring

## Course Content

- VCF Automation Overview and Architecture
- Provider Infrastructure Management
- Provider Identity Management
- Regions
- Organizations
- Provider Networking
- Organization Networking with VPC
- Provider Content Library
- Organization Management
- Organization Content Management
- IaaS Platform Architecture and Deployment
- Deploying Modern Apps with IaaS
- VCF Operations Overview
- VCF Metrics, Views, and Reports
- VCF Dashboards
- VCF Symptoms and Alerts
- VCF Health and Diagnostics
- VCF Logs, Storage, and Network Operations
- VCF Operations Policies
- VCF Centralized Monitoring

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## Training Centres worldwide



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