

5 Days

## VMware vCloud Automation Center: Install, Configure, Manage [V6.0]

This training course renders essential knowledge of installing, configuring and managing VMware vCloud Automation Center. The training will equip you with fundamental methodologies like the creation of multi-vendor cloud services, and self-service provisioning that helps in the configuration of vCloud Automation Center platform.

## Course Details

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### Course Outline

#### 1. Course Introduction

- Course Outline
- Course Objectives
- Course Goals
- Introduction to Course logistics

#### 2. Architecture and Components

- Defining the user interface elements of vCloud Automation Center
- Defining network ports and protocols required for communication between vCloud Automation Center components
- Identifying the components of vCloud Automation Center
- Identifying the benefits of the software-defined data center
- Describing the architecture for deploying vCloud Automation Center as a cloud management platform for a multivendor hybrid cloud
- Determining vCloud Automation Center design options
- Explaining how vCloud Automation Center integrates with other VMware products

#### 3. Installation

- Identify the vCloud Automation Center appliances and component installers
- Explain the vCloud Automation Center installation prerequisites
- Describing the vCloud Automation Center installation procedure

#### **4. Configuring IaaS**

- Create tenants
- Identify fabric groups, business groups, and reservations
- Identify how vCloud Automation Center discovers compute resources
- Identify and configure vCloud Automation Center endpoints
- Create and manage reservations for computing resources
- Define the vCloud Automation Center roles
- Define relationships between vCloud Automation Center entities

#### **5. Blueprints and Catalog Services**

- Manage service catalog items with entitlements and approval policies
- Create and Manage Single-Machine and Multi-Machine blueprints

#### **6. Provisioning Services**

- Create approval policies
- Use build profiles
- Use custom properties
- Use the property dictionary
- Manage self-provisioned machines
- Provision new machines and services
- Identify approval policy levels and approval phases

#### **7. Extensibility**

- Identifying extensibility and customization options
- Configure plug-ins for external integration
- Deploy vCenter Orchestrator
- Deploy Advanced Service Designer
- Deploy vCloud Automation Designer to edit an existing workflow

#### **8. Monitoring and Reclamation**

- Managing machine leases
- Identify and verify inactive and abandoned resources
- Managing machine reclamation

#### **9. Operational Management**

- Report financial data for a cloud infrastructure
- Configure VMware® IT Business Management Suite™ Standard Edition
- Troubleshoot common ITBM problems

## 10. Managing Applications

- Create, manage, and update applications
- Configure application provisioning
- Identify the vCloud Application Director infrastructure components and requirements
- Define the role of vCloud Application Director
- Deploy and manage vCloud Application Director
- Manage catalog services

## Who Should Attend

The VMware vCloud Automation Center Install, Configure, Manage V6.0 training course is ideal for those working with the profiles of:

- System Integrators
- Cloud Administrators
- Operational Developers
- Experienced System Administrators

## Pre Requisite

Required prerequisites include completion of one of the following:

- ?Knowledge of VMware vSphere Install, Configure, Manage [V5.x] or its equivalent

## Exams

VMware Certified Professional (VCP) [VCP-Cloud]

VMware Certified Associate (VCA) [VCA]

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