

5 Days

VMware vCloud Director: Install, Configure, Manage [V5.5]

This VMware vCloud: Install, Configure, Manage V5.5 training course delivers the fundamentals of operating and managing a private cloud environment on a vCloud infrastructure. This VMware certification course focuses on a private cloud in a quality assurance and engineering solutions. The program's knowledge helps the user to create an interface between vCloud Director and Microsoft Active Directory servers.

Course Details

Course Outline

1. Course Introduction

- Review Course Goals
- Review the Course Outline
- Review course Objectives
- Recognize vCloud Director Essentials/Fundamentals course elements

2. VMware vCloud Director Architecture and Components

- Review vCloud Director components and explain their functions
- Determine the licensing needs
- Examine integration with other VMware products such as VMware® vCenter™ Chargeback™ and VMware® vCenter™ Operations Manager™

3. VMware vCloud Networking

- Describe the function of network pools
- Describe the network types available in vCloud Director
- Explain how to share content between organizations and vApps
- Discuss the organization and vApp network traffic choices

4. VMware vCloud Providers

- Identify storage resources for vCloud Director

- Configure and manage storage for providers
- Recognize VMware vSphere® Storage vMotion® issues
- Manage storage requirements for linked clones and shadow virtual machines
- Examine provider space allocation to an organization

5. VMware vCloud Director Organizations

- Create and manage organizations
- Create and manage catalogs
- Recognize resource allocations for an organization

6. Basic Security

- Describe role-based access
- Create custom security roles
- Describe single sign-on
- Describe and configure LDAP integration with Microsoft Active Directory

7. Managing Cloud Resources

- Manage provider and organization virtual data centers
- Understand and identify how vSphere fulfills vCloud Director requests

8. Managing VMware vSphere Resources

- Manage stranded items
- Manage VMware® ESXi™ hosts
- Manage VMware® vCenter Server™ instances
- Manage vSphere datastores
- Configure and manage resource pools at the vSphere level

9. Monitoring VMware vCloud Components

- Analyze vCloud Director logs to monitor vCloud Director cells
- Monitor usage information at provider and organization virtual data centers

10. Organization Users

- Describe the vApp tasks available to organization users in various roles
- Describe the catalog tasks available to organization users of various roles

11. VMware vCloud Director Installation

- Install vCloud Director

- Describe the required prerequisites for a vCloud Director installation

Who Should Attend

The VMware vCloud: Install, Configure, Manage V5.5 training course is ideal for those working with the profiles of:

- Consultants,
- Cloud Administrators
- Systems Engineers
- Data Center Administrators

Pre Requisite

Required prerequisites include completion of one of the following:

- Solid understanding of TCP/IP networking
- VMware vSphere: Install, Configure, Manage V5.0
- VMware vCloud Director: Essentials/Fundamentals V5.1

Exams

VMware Certified Professional (VCP) [VCP-Cloud]

VMware Certified Associate (VCA) [VCA]

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