
VMware vCenter Configuration Manager for Virtual Infrastructure Management 5.7

Duration: 3 Days **Course Code: VMCMVIM**

Overview:

This hands-on training course builds your skills with VMware® vCenter Configuration Manager™ (VCM). It will provide you with the knowledge and skills to install and configure VCM, navigate the user interface, manage compliance, and perform administrative and configuration tasks against your virtual infrastructure

Target Audience:

Experience in performing basic administration tasks on VMware vSphere® ESXi™ hosts, VMware® vCenter Server™, VMware vCloud® Director™, VMware® vShield™, and virtual machines System administration experience in a Windows, Linux, or Solaris environment

Objectives:

- Understand the position of VCM in the VMware management solution set
 - Recognize the role of VCM in enterprise configuration and change and compliance management
 - Use the VCM console to configure VCM for management of VMware vSphere® systems
 - Navigate the VCM console
 - Collect data from vSphere systems from the VCM console
 - Manage vSphere system compliance with VCM
 - Generate reports in VCM
 - Create custom reports in the VCM console
 - Perform VCM administration tasks to manage VCM setup and collection of data, user access, VCM jobs, and alerts
 - Discuss the installation options for VCM and perform a basic VCM installation
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Prerequisites:

- Virtual infrastructure administrator and IT managers.
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Content:

Course Introduction

- Introductions and course logistics
- Course objectives
- VCM overview

Configuration, Compliance, and Change Management

- Provide a high-level overview of VCM and its position in the VMware management solution set
- Discuss some of the common challenges customers face in IT configuration, compliance, and change management
- Describe the key features of VCM and how they benefit IT departments managing configuration, compliance, and change

Components and Processes

- Understand the system architecture
- Describe and discuss the CARMA concept
- Database
- Collector
- Processes

Configuration for Virtual Infrastructure Systems

- Identify and use VCM user interface components
- Describe and configure management agents
- Add and configure settings for vCenter Server, vCloud Director, and vShield systems
- License vSphere systems
- Collect data from vSphere systems
- Manage certificates
- Set up an alternative Managing Agent machine

Using the Upper Console

- View dashboards
- View and manage alerts
- Change management in the virtual infrastructure
- Use the Virtual Infrastructure node

VMware vSphere System Compliance Management

- Describe compliance analysis
- Create a rule group
- Create a rule group filter
- Create a rule group compliance condition
- Create and run a compliance template

Working with Reports

- List vSphere system-related reports available in VCM
- Generate custom reports with the Report wizard
- Manage reports

Basic Settings and Configuration

- Work with general settings
- Configure settings for integration with VMware® vCenter™ Operations Manager™ and the VMware vSphere® Client™ VCM plug-in
- Configure virtualization settings

Creating Collection Filters

- Describe collection filters
- Create collection filters
- Create collection filter sets and collection filter set groups

User and Role Management

- Discuss how VCM access is controlled by access rules and roles
- Create access rules and use them in a role
- Manage access rules and roles
- Add and manage VCM logins

Job Management

- Describe the function of the Job Manager
- View a running job
- Add a job
- Schedule a job
- Edit a job

Alert Management

- Add an alert rule
- Discuss and input alert configuration

Using the Content Wizard

- Describe the Content wizard
- Import and use imported templates

Using the Import/Export Utility

- Describe the Import/Export utility
- Discuss where the Import/Export utility is used

Using the Debug Event Viewer

- Discuss how the Debug Event Viewer works
- Describe how to filter events

Installing VMware vCenter Configuration Manager

- Prerequisites
- Architecture (single-tier or multitier)
- Installation
- Understand and meet preinstallation requirements
- Install vCenter Operations Manager
- Configure VCM to gather data from its environment

Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

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