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## VMware vCenter Configuration Manager: Install, Configure, Manage

**Duración: 3 Días    Código del Curso: VMCMI    Version: 5.7    Método de Impartición: Curso Virtual & Classroom (V&C Select)**

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### Temario:

#### Curso impartido directamente por VMware

This hands-on training course focuses on installing, configuring, and managing VMware vCenter Configuration Manager™ 5.7. The course is built on VMware ESXi™ and VMware vCenter Server™. This course provides you with the knowledge and skills to install and configure vCenter Configuration Manager, navigate the user interface, manage compliance, and perform administrative and configuration tasks against your infrastructure.

Curso Virtual & Classroom (Abierto)

V&C SELECT es una metodología creada por Global Knowledge, nace tras detectar una importante necesidad en los clientes que se encontraban fuera de las ciudades donde impartimos cursos con regularidad, incluso países en donde Global Knowledge no cuenta con una sede propia. Nuestras aulas han sido equipadas con soluciones que permiten recibir alumnos presenciales y alumnos virtuales (remotos), en la misma sala. Hemos hecho grandes inversiones en cámaras de alta definición, sistemas de sonido ambientales, pizarras Smart y cuentas de aulas virtuales, para que en un mismo curso se puedan conectar alumnos de diferentes locaciones, ciudades y países, y puedan interactuar con nuestros instructores y alumnos presenciales..

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### Dirigido a:

Virtual infrastructure administrators IT managers

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### Objetivos:

- Install vCenter Configuration Manager
  - Configure vCenter Configuration Manager for use with these virtual machines and services:
    - Windows, UNIX, Linux, and Mac OS X virtual machines
    - Active Directory directory services
    - vCenter Server systems and ESXi hosts
  - Use vCenter Configuration Manager to access and apply to compliance tool kits that cover a broad range of standards, including security best practices, vendor hardening guidelines, and regulatory mandates
  - Use vCenter Configuration Manager to create configuration baselines and assess managed systems against those baselines
  - Use vCenter Configuration Manager to remediate managed systems that are out of compliance
  - Use vCenter Configuration Manager to automatically manage and deploy vendor and software patches
  - Use vCenter Configuration Manager to support infrastructure hardening through deep configuration data collection and change tracking
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### Prerequisitos:

- Experience in performing basic administration tasks on ESXi hosts, vCenter Server, and virtual machines through the VMware vSphere® Web Client
  - System administration experience on Microsoft Windows, UNIX, and Linux operating systems
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## Contenido:

### 1 Course Introduction

- Introductions and course logistics
- Course objectives

### 2 Introduction to vCenter Configuration Manager

- Describe the VMware vCenter™ Operations Management Suite™
- Describe vCenter Operations Manager integration with vCenter Configuration Manager
- Describe the architecture and main components of vCenter Configuration Manager
- Describe how vCenter Configuration Manager can be used to manage configuration, compliance, and change management
- Describe the CARMA methodology

### 3 Using the vCenter Configuration Manager User Interface

- Describe the parts of the vCenter Configuration Manager interface
- Use the vCenter Configuration Manager toolbar
- Use the vCenter Configuration Manager machine group selector
- Use the vCenter Configuration Manager data grid toolbar
- Use the vCenter Configuration Manager data grid or summary report
- Use the vCenter Configuration Manager navigation sliders

### 4 Managing Windows Machines

- Verify domains and network authority
- Run the discovery process
- License machines and install vCenter Configuration Manager agents
- Manage Windows data in the lower console
- Create and modify Windows machine groups

### 5 Managing UNIX, Linux, and Mac OS X Machines

- Configure the installation delegate machine
- Discover UNIX, Linux, and Mac OS X machines
- Manually add UNIX, Linux, and Mac OS X machines
- License and install the agent
- Collect data from UNIX, Linux, and Mac OS X machines
- Manage UNIX, Linux, and Mac OS X data in the lower console
- Create and modify UNIX, Linux, and Mac OS X machine groups

### 6 Managing the Virtual Environment

- Configure the managing agent machine
- Add and configure vCenter Server systems in vCenter Configuration Manager
- Collect data from vCenter Server systems
- Manage vCenter Server system and ESXi host data in the upper console
- Add and configure VMware vCloud® Networking and Security App™ systems in vCenter Configuration Manager
- Collect data from vCloud Networking and Security App systems
- Manage vCloud Networking and Security App system data
- Use the virtual environment dashboards and change log

### 7 Managing Active Directory

- Configure vCenter Configuration Manager for AD
- Collect AD dataExamine AD data

### 8 Managing Compliance

- Describe the compliance process and components
- Use compliance templates
- Use the Compliance Content wizard
- Configure vCenter Configuration Manager rule groups
- Configure vCenter Configuration Manager rules
- Configure vCenter Configuration Manager filters
- Configure vCenter Configuration Manager exceptions
- Configure vCenter Configuration Manager machine group compliance templates
- Resolve noncompliance
- Manage compliance alerts
- Run AD compliance

### 9 Patch Management

- Describe the Windows patch assessment and deployment process
- Complete manual patching of Windows machines
- Configure event-driven automatic patching
- Configure scheduled automatic patching
- Describe the Linux and UNIX patch assessment and deployment process

### 10 Creating Custom Reports

- Describe as-is reports
- Use the vCenter Configuration Manager report wizard
- Report scheduling

### 11 Managing vCenter Configuration Manager Security Roles

- Describe VCM security roles
- Configure VCM access for AD users and groups

### 12 Customizing and Managing vCenter Configuration Manager

- Create custom collection filters
- Describe administration settings that affect vCenter Configuration Manager performance
- Describe and use the Import Export command line (for backup)Describe and use Debug Event Viewer

### 13 Installing vCenter Configuration Manager

- Describe single-tier, two-tier, and three-tier installations.
- Describe vCenter Configuration Manager installation prerequisites
- Describe the difference between the vCenter Configuration Manager typical installation and the vCenter Configuration Manager advanced installation

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## Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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