

VMware vCenter Configuration Manager: Fast Track

Delivery Methods

- Instructor-led training
- Live-online
- Onsite training

Course Duration

- 5 days of instructor-led training
- 50% lecture, 50% hands-on lab/case study

Target Audience

- System administrators
- IT managers

Prerequisites

- System administration experience in a Microsoft, Linux, Solaris, or Novell environment
- Experience performing basic administration tasks on virtual machines and VMware® ESX® hosts on a VMware vCenter Server system

Pricing

Contact your VMware representative or a VMware Authorized Training Center for pricing information.

More Information

Courses are conveniently scheduled around the world. Go to <http://www.vmware.com/education> to find the class that is right for you.

Onsite training is also available for customers who prefer to bring a VMware Certified Instructor to their own facilities. For information about onsite classes, including facility requirements, go to <http://www.vmware.com/education>.

Course Overview

This hands-on training course builds your skills with VMware vCenter™ Configuration Manager™. It will provide administrators with the knowledge and skills to configure VCM, navigate the user interface, manage compliance and patch levels, and perform administrative tasks. Administrators will also learn how to configure provisioning of operating systems and applications, create custom reports, and use extended data collection.

Course Objectives

At the end of the course, you should be able to do the following:

- Recognize the role of VCM in enterprise compliance
- Use the VCM Console to configure VCM
- Navigate the VCM Console
- Collect data from systems with the VCM Console
- Generate reports in VCM
- Manage system compliance with VCM
- Use VMware vCenter Configuration Manager Patching to patch systems
- Perform basic VCM administration tasks
- Configure an operating system provisioning server
- Provision operating systems
- Provision applications
- Create custom reports in the VCM Console
- Provide templates to perform tasks
- Use the remote command-line interface
- Extend data collection with Windows Custom Information

Course Modules

<p>1 Course Introduction</p> <ul style="list-style-type: none"> • Understand course goals • Understand course objectives • Understand the course outline • Define VCM • Find additional resources after this course 	<p>6 Managing Compliance in VMware vCenter Configuration Manager</p> <ul style="list-style-type: none"> • Describe compliance analysis • Create a rule • Create a filter • Create a rule group template
<p>2 Overview of Configuration Management with VMware vCenter Configuration Manager</p> <ul style="list-style-type: none"> • Understand the configuration management challenges facing IT organizations • Summarize effective change management • Identify the benefits of VCM • List the capabilities of VCM • Understand the components of a VCM installation 	<p>7 VMware vCenter Configuration Manager Patching</p> <ul style="list-style-type: none"> • Describe the VCM patching process • Access patching requirements for a machine group • Patch Windows machines • Patch to UNIX/Linux machines
<p>3 Configuring VMware vCenter Configuration Manager</p> <ul style="list-style-type: none"> • Identify VCM user interface components • Configure machine discovery • Apply licenses to discovered machines • Install agents on machines • Collect data from machines • Create machine groups 	<p>8 VMware vCenter Configuration Manager Administration</p> <ul style="list-style-type: none"> • Configure VCM • Control access to VCM • Customize the VCM environment
<p>4 Using the VMware vCenter Configuration Manager Console</p> <ul style="list-style-type: none"> • View and manage alerts • Change management • Windows remote commands • Enterprise applications 	<p>9 Operating System Provisioning with VMware vCenter Configuration Manager</p> <ul style="list-style-type: none"> • Describe the operating system provisioning process • List the components of operating system provisioning • Configure an operating system provisioning server • Provision an operating system to a machine
<p>5 VMware vCenter Configuration Manager Reports</p> <ul style="list-style-type: none"> • List reports available in VCM • Generate custom reports • Manage reports • Create a report with the report wizard 	<p>10 Provision Software with VMware vCenter Configuration Manager</p> <ul style="list-style-type: none"> • Diagram the relationship of software provisioning components • Build software packages with Package Studio • Configure a software repository • Configure Package Manager • Create a software package and provision it with VCM



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11 Custom Reporting

- Create a custom report
- Modify a custom report
- Import custom reports into the VCM interface
- Use standard reports as templates

13 Extending Data Collection with Windows Custom Information

- Extend VCM collection by a script
- Add a custom collection filter
- Run reports on WCI
- Create a custom script with Windows PowerShell

12 VCM Remote Command-Line Interface

- Install programs with the VCM RCLI
- Run programs with the VCM RCLI
- Capture data with the VCM RCLI
- Collect windows event log data



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