

VMware vCenter Operations Manager: Analyze and Predict

Delivery Methods

- Instructor-led
- Live-online

Course Duration

- Two (2) days of instructor-led classroom training
- 60% lecture, 40% hands-on lab

Target Audience

Experienced system administrators and system integrators

Course Suitability

- | | |
|---|--|
| <input type="checkbox"/> Administrator | <input type="checkbox"/> Expert |
| <input type="checkbox"/> Engineer | <input type="checkbox"/> Advanced |
| <input checked="" type="checkbox"/> Architect | <input checked="" type="checkbox"/> Professional |
| | <input type="checkbox"/> Fundamentals |

Prerequisites

- Hands-on experience administering vSphere 5 deployments
- Completion of VMware vSphere: Install, Configure, Manage [V5] recommended

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 additional information about onsite classes, including facility requirements, go to <http://www.vmware.com/education>.

Course Overview

This course for experienced users of VMware® vSphere® teaches skills in the use of VMware® vCenter™ Operations Manager™ as a forensic and predictive tool. The course is based on VMware ESXi™ 5.x, VMware® vCenter Server™ 5.x, and vCenter Operations Manager 5.x.

Course Objectives

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

- Understand major and minor badges and their underlying metrics.
- Use these badges to find the root causes of common operational issues in a vSphere environment.
- Perform capacity management and what-if analyses.
- Use the **Operations** tab, the **Planning** tab, the **Alerts** tab, the **Analysis** tab, and the **Reports** tab.
- Navigate the vCenter Operations Manager 5.0 user interface.
- Use heat maps and create a custom heat map.
- Use smart alerts to detect system issues.
- Articulate the use case for the new policy structure in vCenter Operations Manager and how it can be used to define configuration settings for objects in a vSphere environment.
- Work with groups to classify virtual objects in logical and business-related structures and how to apply them to policies.
- Define new use cases based on the optimized integration with VMware® vCenter™ Operations Management Suite™ products like VMware® vCenter Configuration Manager™, VMware® vFabric™ Hyperic®, VMware® vCenter™ Infrastructure Navigator™, and other adapters.

Course Modules

<p>1 Course Introduction</p> <ul style="list-style-type: none"> • Introductions and course logistics • Course objectives 	<p>7 Working with Capacity Planning and Reports</p> <ul style="list-style-type: none"> • Schedule, use, and export predefined capacity management reports • Perform what-if analyses
<p>2 Introduction to VMware vCenter Operations Management Suite</p> <ul style="list-style-type: none"> • Understand the role of operations management in the cloud era • Understand the vCenter Operations Management Suite and its packaging 	<p>8 Installing and Configuring VMware vCenter Operations Manager</p> <ul style="list-style-type: none"> • Understand and meet preinstallation requirements • Install vCenter Operations Manager • Configure vCenter Operations Manager to gather data from its environment
<p>3 Architecture and Concepts</p> <ul style="list-style-type: none"> • Understand the data collection methodology of the vCenter Operations Manager architecture • Learn how vCenter Operations Manager collects data • Master the main components of the dashboard view • Navigate the objects tree and understand the badge pane 	<p>A VMware vCenter Operations Management Suite Update</p> <ul style="list-style-type: none"> • Discuss the VMware management suite solution and products • List the key components and capabilities of vCenter Operations Management Suite • Describe the main features available in each of the vCenter Operations Management Suite products and editions
<p>4 Working with Dashboards and Badges</p> <ul style="list-style-type: none"> • Understand the functions of major and minor badges • Use the Health major badge • Use the Risk major badge • Use the Efficiency major badge • Use the Operations tab to navigate to details 	<p>B VMware vCenter Operations Manager v5.6 Changes</p> <ul style="list-style-type: none"> • Discuss configuration of policies and groups • Identify basic use cases and benefits from using policies and groups • Make changes to the vCenter Operations Manager 5.6 configurations • Explain changes to badges, metrics, and reports in version 5.6 of vCenter Operations Manager
<p>5 Analyzing with Heat Maps</p> <ul style="list-style-type: none"> • Work with predefined and custom heat maps through the Analysis tab 	<p>C Integration with Other VMware Products</p> <ul style="list-style-type: none"> • Identify use cases for the integration of additional vCenter Operations Management Suite products • Discuss integration with vCenter Operations Manager for group management • Learn about new dashboard badges in vCenter Operations Manager
<p>6 Working with Smart Alerts</p> <ul style="list-style-type: none"> • Configure and use smart alerts • Set up email notifications 	



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