

# VMware vRealize Operations Manager: Install, Configure, Manage

## Delivery Methods

- Classroom
- Live Online
- [Onsite](#)

## Course Duration

- Five (5) days of instructor-led classroom training
- 60% lecture, 40% hands-on lab

## Target Audience

Experienced system administrators and system integrators; consultants responsible for customizing vCenter Operations Manager content

## Course Suitability

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

## Prerequisites

Completion of the following courses:

- VMware vSphere: Install, Configure, Manage [V5.5]
- VMware vSphere: Optimize and Scale [V5.5]

Or system administration experience with vSphere deployments

## Certifications

This course is not associated with any certification.

## 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 [VMware Education](#) to find the class that is right for you.



## Course Overview

**PLEASE NOTE: This class is offered as early access and is based on Beta software.** This training course for experienced VMware vSphere® users teaches how to use VMware vCenter™ Operations Manager™ as a forensic and predictive tool. This course also teaches advanced capabilities, such as adapters, customization, and management topics. This course is based on VMware ESXi™ 5.x, VMware vCenter Server™ 5.x, and vCenter Operations Manager 6.0.

## Course Objectives

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

- Navigate the vCenter Operations Manager user interface
- Use alert details and badges to find the root causes of common operational issues in a vSphere environment
- Assess capacity risk and infrastructure utilization
- Perform capacity planning and what-if analyses
- Configure policies to meet the operational needs of the environment
- Add users and groups and give them appropriate access to the vCenter Operations Manager environment
- Customize vCenter Operations Manager by creating alert definitions, symptom definitions, views, reports, dashboards, and super metrics
- Extend the capabilities of vCenter Operations Manager by adding solutions
- Scale a vCenter Operations Manager deployment and make it highly available
- Install and configure vCenter Operations Manager
- Monitor and maintain a vCenter Operations Manager deployment

## Course Modules

<b>1 Course Introduction</b> <ul style="list-style-type: none"> <li>• Introductions and course logistics</li> <li>• Course objectives</li> </ul>	<b>7 Groups and Policies</b> <ul style="list-style-type: none"> <li>• Create logical groups of objects in the environment</li> <li>• Create policies for different types of workloads</li> <li>• Explain how policy inheritance works</li> </ul>
<b>2 Introduction to vCenter Operations Manager</b> <ul style="list-style-type: none"> <li>• Describe how vCenter Operations Manager is used to manage the software-defined data center</li> <li>• Describe the features and benefits of vCenter Operations Manager</li> </ul>	<b>8 User Access Control</b> <ul style="list-style-type: none"> <li>• Create local users and groups</li> <li>• Import users and groups from an LDAP source</li> <li>• Assign roles to local users and groups</li> </ul>
<b>3 vCenter Operations Manager User Interface</b> <ul style="list-style-type: none"> <li>• Navigate around the main areas of the product user interface</li> <li>• Explain the importance of inventory trees</li> <li>• View widgets and dashboards on the Home page</li> <li>• View inventory trees and objects on the Environment page</li> </ul>	<b>9 Custom Alert Definitions</b> <ul style="list-style-type: none"> <li>• List the best practices for customizing vCenter Operations Manager content</li> <li>• Create symptom definitions</li> <li>• Create recommendations</li> <li>• Create alert definitions</li> </ul>
<b>4 vCenter Operations Manager Concepts</b> <ul style="list-style-type: none"> <li>• Use views to gather information about the environment</li> <li>• Create reports about the environment</li> <li>• Explain how data is collected and analyzed by vCenter Operations Manager</li> <li>• Describe the importance of alerts, symptoms, and badges</li> </ul>	<b>10 Custom Views</b> <ul style="list-style-type: none"> <li>• Describe the different types of views</li> <li>• Create views</li> </ul>
<b>5 Troubleshooting System Health Issues</b> <ul style="list-style-type: none"> <li>• Discuss the general process for troubleshooting system health issues with vCenter Operations Manager</li> <li>• Monitor alerts and troubleshoot system health issues</li> </ul>	<b>11 Custom Dashboards</b> <ul style="list-style-type: none"> <li>• Create custom dashboards</li> <li>• Configure widgets and widget interactions</li> <li>• Manage dashboards</li> </ul>
<b>6 Capacity Planning</b> <ul style="list-style-type: none"> <li>• Assess capacity risk in the environment</li> <li>• Troubleshoot risk and efficiency issues</li> <li>• Identify ways to optimize resource utilization in the environment</li> <li>• Use projects to perform What-If scenarios</li> </ul>	<b>12 Super Metrics, Tags, and Applications</b> <ul style="list-style-type: none"> <li>• Create super metrics and use them in policies</li> <li>• Use tags and applications to group objects</li> </ul>



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**13 Solutions and Adapters**

- Identify solutions and adapters that are available to the environment
- Install and configure an adapter

**15 Deploying vCenter Operations Manager**

- Install and configure a vCenter Operations Manager node
- Monitor and manage a vCenter Operations Manager instance

**14 Architecture, Scalability, and Availability**

- Describe the components in a vCenter Operations Manager node
- Determine how to size a vCenter Operations Manager cluster
- Explain what happens when a node fails in a vCenter Operations Manager cluster

BETA



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