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, and consultants responsible for customizing vRealize Operations Manager content

Course Suitability

- ☒ Administrator
- ☐ Expert
- ☒ Engineer
- ☐ Advanced
- ☐ Architect
- ☒ Professional
- ☐ 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

VMware vRealize™ Operations Manager™: Install, Configure, Manage is designed for experienced VMware vSphere® users and teaches how to use VMware vRealize Operations Manager as a forensic and predictive tool. The course is based on VMware ESXi™ 5.x, VMware vCenter Server™ 5.x, and vRealize Operations Manager 6.0 and includes instruction on advanced capabilities including customization and management.

Course Objectives

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

- Navigate the vRealize Operations Manager user interface
- Use alerts and analysis badges to troubleshoot common and complex vSphere operational issues
- Monitor capacity risk and infrastructure utilization
- Perform capacity planning and what-if analyses
- Configure policies to meet the operational needs of the environment
- Customize vRealize Operations Manager by creating alert definitions, symptom definitions, views, reports, dashboards, and super metrics
- Give users and user groups controlled access to the environment
- Extend the capabilities of vRealize Operations Manager by adding management packs and solutions
- Scale a vRealize Operations Manager deployment and make it highly available
- Install and configure vRealize Operations Manager
- Monitor and maintain a vRealize Operations Manager deployment

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Course Modules

1 Course Introduction
- Introductions and course logistics
- Course objectives

2 Introduction to vRealize Operations Manager
- Describe how vRealize Operations Manager is used to manage the software-defined data center
- Describe the features and benefits of vRealize Operations Manager

3 vRealize Operations Manager User Interface
- Navigate the main areas of the user interface
- Explain the importance of inventory trees
- View widgets and dashboards on the Home page
- View inventory trees and objects on the Environment page

4 vRealize Operations Manager Concepts
- Use views to gather information about the environment
- Create reports about the environment
- Explain how data is collected and analyzed by vRealize Operations Manager
- Discuss the importance of alerts, symptoms, and badges

5 Troubleshooting System Health Issues
- Discuss the process for troubleshooting system health issues with vRealize Operations Manager
- Monitor alerts and troubleshoot system health issues
- Use heat maps to monitor system health

6 Capacity Planning
- Discuss capacity planning models
- Assess capacity risk in the environment
- Troubleshoot risk and efficiency issues
- Identify ways to optimize resource utilization in the environment
- Use projects to perform what-if scenarios

7 Tags, Applications, and Object Groups
- Use tags and applications to group objects
- Create custom object groups in the environment

8 Policies
- List guidelines for customizing vRealize Operations Manager content
- Create policies for different types of workloads
- Explain how policy inheritance works

9 Custom Alert Definitions
- Create symptom definitions
- Create recommendations and use actions
- Create notifications
- Create alert definitions

10 Custom Views
- Describe the different types of views
- Create views

11 Custom Dashboards
- Create custom dashboards
- Configure widgets and widget interactions
- Configure dashboard navigation
- Manage dashboards

12 Super Metrics
- Create super metrics
- Enable super metrics in policies

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13	**User Access Control**
	• Create local users and user groups
	• Assign roles to local users and user groups
	• Import users and user groups from an LDAP source

15	**Architecture, Scalability, and Availability**
	• Describe the components of a vRealize Operations Manager node
	• Describe the different roles in a vRealize Operations Manager cluster
	• Explain how a node's components interact to achieve scalability and availability

14	**Management Packs**
	• Describe management packs that are available to the environment
	• Install and configure a management pack

16	**Deploying vRealize Operations Manager**
	• Determine how to size a vRealize Operations Manager cluster
	• Install and configure a vRealize Operations Manager cluster
	• Monitor and manage a vRealize Operations Manager cluster

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