

Course name: VMware vRealize Operations Manager: Install, Configure, Manage [V6.2]

Course code: VT-VR0M-ICM-62-EN

Introduction

This five-day course, designed for experienced VMware vSphere® users, teaches you how to use VMware vRealize® Operations Manager™ as a forensic and predictive tool. Based on VMware ESXi™ 6, VMware vCenter Server® 6, and vRealize Operations Manager 6.2, this course includes instruction on advanced capabilities, including customization and management.

Participant profile

Experienced system administrators and system integrators, and consultants responsible for customizing vRealize Operations Manager content

Goal description

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
- Use workload placement to rebalance workloads
- 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
- Monitor operating systems and applications
- 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

Course duration and form

- 35 hours (5 days x 7 hours), including lectures and exercises.

Course plan

1. Course Introduction
 - a. Introduction and course logistics
 - b. Course objectives
2. Introduction to vRealize Operations Manager
 - a. Describe how vRealize Operations Manager is used to manage the software-defined data center
 - b. Describe the features and benefits of vRealize Operations Manager
3. vRealize Operations Manager User Interface
 - a. Navigate the main areas of the user interface
 - b. Explain the importance of inventory trees
 - c. View widgets and dashboards on the Home page
 - d. View inventory trees and objects on the Environment page
4. vRealize Operations Manager Concepts
 - a. Use views to gather information about the environment
 - b. Create reports about the environment
 - c. Explain how data is collected and analyzed by vRealize Operations Manager
 - d. Discuss the importance of alerts, symptoms, and badges
5. Troubleshooting System Health Issues
 - a. Discuss the process for troubleshooting system health issues with vRealize Operations Manager
 - b. Monitor alerts and troubleshoot system health issues
 - c. Use heat maps to monitor system health
6. Capacity Planning
 - a. Discuss capacity planning models
 - b. Assess capacity risk in the environment
 - c. Troubleshoot risk and efficiency issues
 - d. Identify ways to optimize resource utilization in the environment
 - e. Use projects to perform what-if scenarios
7. Tags, Applications, and Object Groups
 - a. Use tags and applications to group objects
 - b. Create custom object groups in the environment
8. Policies
 - a. List guidelines for customizing vRealize Operations Manager content
 - b. Create policies for various types of workloads
 - c. Explain how policy inheritance works
9. Workload Placement
 - a. Use workload placement to rebalance workloads across the environment
 - b. Identify scenarios that use workload placement
 - c. Use policies to drive workload balance plan recommendations
10. Custom Alert Definitions
 - a. Create symptom definitions
 - b. Create recommendations and use actions
 - c. Create notifications
 - d. Create alert definitions
 - e. Certifications
 - f. No certifications are tied to this course.