

# VMROM (VMWARE VREALIZE OPERATIONS MANAGER: INSTALL, CONFIGURE, MANAGE)

## Objetivo

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. 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.

## Público Alvo

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

## Pré-Requisitos

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.

## Carga Horária

40 horas (5 dias).

## Conteúdo Programático

### 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

## 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

## 14 Management Packs

- Describe management packs that are available to the environment
- Install and configure a management pack

## 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

## 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