

# VM-VCOM (VMWARE VCENTER OPERATIONS MANAGER: ANALYZE AND PREDICT) 5.x

## Objetivo

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. 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.

## Público Alvo

Experienced system administrators and system integrators

## Pré-Requisitos

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

## Carga Horária

16 horas (2 dias).

## Conteúdo Programático

- 1 Course Introduction
  - Introductions and course logistics
  - Course objectives
- 2 Introduction to VMware vCenter Operations Management Suite
  - Understand the role of operations management in the cloud era
  - Understand the vCenter Operations Management Suite and its packaging

### 3 Architecture and Concepts

- 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

### 4 Working with Dashboards and Badges

- 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

### 5 Analyzing with Heat Maps

- Work with predefined and custom heat maps through the Analysis tab

### 6 Working with Smart Alerts

- Configure and use smart alerts
- Set up email notifications

### 7 Working with Capacity Planning and Reports

- Schedule, use, and export predefined capacity management reports
- Perform what-if analyses

### 8 Installing and Configuring VMware vCenter Operations Manager

- Understand and meet preinstallation requirements
- Install vCenter Operations Manager
- Configure vCenter Operations Manager to gather data from its environment

### A VMware vCenter Operations Management Suite Update

- 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

### B VMware vCenter Operations Manager v5.6 Changes

- 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

### C Integration with Other VMware Products

- 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

