Course Overview

This two-day course is designed for data center administrators who are responsible for the day-to-day management of a VMware vSphere® environment using VMware vRealize® Operations™. This course will teach you how to use vRealize Operations as a forensic and predictive tool. The course is based on VMware ESXi™ 6.7, VMware vCenter Server® 6.7, and vRealize Operations 7.0.

Note: If you have taken the VMware vRealize Operations: Install, Configure, Manage course, duplicate content makes this course unsuitable for you.

Course Objectives

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

• Identify features and benefits of vRealize Operations
• Use interface features to assess and troubleshoot operational issues
• Recognize how to use vRealize Operations components to build scalability and availability
• Recognize effective ways to optimize performance and capacity in data centers
• Troubleshoot and manage issues and configurations using alerts and dashboards
• Create policies to meet the operational needs of your environment

Target Audience

Experienced system administrators

Prerequisites

This class requires completion of one of the following courses:

• VMware vSphere: Install, Configure, Manage [V6.x]
• VMware vSphere: Optimize and Scale [V6.x]

Or system administration experience with vSphere deployments

Course Delivery Options

- Classroom
- Live Online
- Onsite
- On Demand

Product Alignment

- vRealize Operations 7.0
- ESXi 6.7
- vCenter Server 6.7
Course Modules

1. **Course Introduction**
   - Introductions and course logistics
   - Course objectives

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

3. **vRealize Operations Concepts**
   - Navigate the main pages of the product user interface
   - Use the product UI and the admin UI
   - Use tags, applications, and groups to group related objects in the environment

4. **vRealize Operations Architecture**
   - Describe the function of the components in a node
   - Describe the roles in a vRealize Operations cluster

5. **Performance Optimization**
   - Assess the performance of your environment to determine which data centers need optimization
   - Define the business and operational intents for your data centers
   - Automate the process of optimizing and balancing workloads in your data centers
   - Report on the results of your optimization efforts

6. **Capacity Optimization**
   - Define capacity planning terminology and capacity planning models
   - Assess the overall capacity of a data center and provide optimization recommendations
   - Use what-if scenarios to plan for future capacity requirements
   - Assess the cost of running the data centers in your environment

7. **Troubleshooting and Managing Configurations**
   - Use predefined step-by-step workflows to troubleshoot different vSphere objects
   - Assess your environment’s compliance to standards
   - View the configurations of vSphere objects in your environment
   - Describe how logs can be accessed by integrating vRealize Operations with VMware vRealize® Log Insight™
   - Use inventory trees on the Environment page to monitor vSphere objects
   - Monitor the performance of the vRealize Operations instance

8. **Policies**
   - Create policies for various types of workloads
   - Explain how policy inheritance works

Contact

If you have questions or need help registering for this course, click [here](#).