Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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VMware vRealize Operations: Install, Configure, Manage V7

CODE:	LENGTH:	PRICE:
VM-VR-OPS-ICM-V7	40 Hours (5 days)	$4,250.00

Description

This five-day course, designed for experienced VMware vSphere® users, teaches you how to use VMware vRealize® Operations™ as a forensic and predictive tool. Based on VMware ESXi™ 6.7, VMware vCenter Server® 6.7, and vRealize Operations 7.0, this course includes instruction on advanced capabilities, including customization and management.
This course is also available in an On Demand format. For more information, select this link: VMware vRealize Operations: Install, Configure, Manage [V7] - On Demand.
Product Alignment
- vRealize Operations 7.0
- ESXi 6.7
- vCenter Server 6.7

Objectives

By the end of the course, you should be able to meet the following objectives:
- Identify features and benefits of vRealize Operations
- Deploy 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
- Use Endpoint Operations Management to monitor operating systems and applications
- Create policies to meet the operational needs of your environment
- Create custom alert definitions, reports, and views
- Configure widgets for dashboards
- Configure super metrics
- Set up users and user groups for controlled access to your environment
- Extend the capabilities of vRealize Operations by adding management packs and solutions

Specialization
This course prepares you for the following specialization:
- VMware vRealize Operations 2017 Specialist

Audience

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

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]

Programme

1 Course Introduction
- Introductions and course logistics
- Course objectives

2 Introduction to vRealize Operations
- Describe how to use vRealize Operations to manage the software-defined data center
- Identify features and benefits of vRealize Operations

3 Deploying vRealize Operations
• Design and size a vRealize Operations cluster
• Install a vRealize Operations cluster
• Configure a vRealize Operations cluster for high availability
• Describe different vRealize Operations deployment scenarios
• Describe how to use VMware vRealize® Suite Lifecycle Manager™ to deploy vRealize Operations
4 vRealize Operations Concepts
• Identify the tasks that can be performed in the administration and product user interfaces
• Recognize how to use dashboards, views, and reports to gather information about the environment
• Use tags, applications, and custom groups to group related objects in the environment
5 vRealize Operations Architecture
• Describe the functions of the components in a node
• Identify the types of nodes and their roles in a vRealize Operations cluster
• Recognize how a node's components interact to achieve scalability and availability
• Identify ways that data is collected and analyzed by vRealize Operations
6 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
7 Capacity Optimization
• Define capacity planning terminology and capacity planning models
• Assess the overall capacity of a data center and identify optimization recommendations
• Run what-if scenarios to plan for future resource capacity and workload requirements
• Assess the cost of running the data centers in your environment
8 Troubleshooting and Managing Configurations
• Troubleshoot issues by monitoring alerts
• Use 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™
• View inventory trees on the Environment page to monitor vSphere objects
• Monitor the performance of a vRealize Operations instance
9 Operating System and Application Monitoring
• Deploy the Endpoint Operations Management agent
• Monitor operating systems by viewing the metrics collected by the Endpoint Operations Management agent
10 vRealize Operations Policies
• Create policies for various types of workloads
• Explain how policy inheritance works
11 Custom Alert Definitions
• Create symptom definitions
• Create recommendations, actions, and notifications
Create alert definitions that monitor resource demand in hosts and VMs
12 Views and Reports
• Build and use custom views in your environment
• Create custom reports for presenting data about your environment
13 Custom Dashboards
• Create dashboards that use predefined and custom widgets
• Configure widgets to interact with other widgets and other dashboards
• Configure the Scoreboard widget to use a metric configuration file
• Manage dashboards by grouping dashboards and sharing dashboards with users
14 Super Metrics
• Create super metrics and associate them with vSphere objects
• Enable super metrics in policies
15 User Access Control
• Recognize how users are authorized to access objects
• Determine privilege priorities when a user has multiple privileges
• Create local users and user groups
• Import users and user groups from an LDAP source
16 Extending and Managing a vRealize Operations Deployment
• Identify the management packs that are available to your environment
• Install and configure a management pack
• Monitor the health of a vRealize Operations cluster
• Generate a support bundle
• View vRealize Operations logs and audit reports
• Perform vRealize Operations cluster management tasks

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.