VMware vRealize Operations and vSAN Integration Workshop

Course Overview

This two-day course explains how to use and configure VMware vRealize® Operations™ version 7.0 to work with VMware vSAN™ 6. This course explains concepts and practical applications of vRealize Operations in reference to vSAN.

Course Objectives

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

- List and describe the uses of vRealize Operations when applied to vSAN
- Use the product UI to navigate through built-in vSAN specific dashboards
- Review the built-in vSAN specific dashboards for key vSAN information
- Create your own vSAN specific dashboards
- Assess performance and optimize vSAN workloads
- Perform vRealize Operation capacity optimization
- Assess policies related to vSAN
- Perform vSAN troubleshooting using vRealize Operations

Target Audience

vSAN and VMware vSphere® administrators

Prerequisites

At a minimum, students attending this course should have completed the VMware vSAN: Deploy and Manage [V6.x] course or have equivalent knowledge.

Some experience with basic operations of vRealize Operations might also be helpful.

The course presumes that a student can perform the following tasks with no assistance or guidance before enrolling in this course:

- Use VMware vSphere® Client™
- Perform routine VMware vCenter Server® tasks
- Configure a vSAN datastore.
- Perform routine vSAN maintenance tasks.

Course Delivery Options

- Classroom
- Live Online
- Onsite

Product Alignment

- vRealize Operations 7.0
- VMware ESXi™
- vCenter Server 6.7
- VMware vSAN 6

Course Modules

1 Course Introduction
- Course objectives
- References and resources

2 Overview of vSAN and vRealize Operations
- Describe basic vSAN architecture and components
- Explain the use of vSAN storage policies
- Describe the different vRealize Operations interfaces
- Enable data collection for vSAN

3 Creating and Using Dashboards, Views, Reports, and Tags
- Create custom dashboards to monitor vSAN data
- Create a view that displays information about vSAN metrics
- Create custom reports to display information for the vSAN datastore
- Use tags to create logical groups of objects in the vRealize Operations environment

4 Monitoring Individual Components
- Locate key vSAN components in vRealize Operations
- Monitor important vSAN components
- Monitor vSAN network metrics

5 Optimizing the Cluster
- Automate workload optimization and balancing
- Generate performance optimization reports
- Identify capacity planning concepts
- Use vRealize Operations to reclaim unused resources and right-size virtual machines
- Create what-if scenarios using existing or custom virtual machines

6 Policies
- Explain the hierarchy of polices in vRealize Operations
- Configure vSAN analysis settings

7 Troubleshooting vSAN with Alerts and vRealize Operations
- Recognize how to troubleshoot issues by monitoring alerts
- Use step-by-step workflows to troubleshoot different objects
- Explain the importance of inventory trees for troubleshooting
- Recognize the importance of inventory trees
- Use inventory trees and objects from the Environment page as a part of troubleshooting

Contact

If you have questions or need help registering for this course, click here

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