

VMware vRealize Operations for Operators (V8.6)

Course Outline

1. Course Introduction

- **Introductions and Course Logistics:** Overview of participants, course structure, and logistical details.
- **Course Objectives:** Define key learning outcomes and skills participants will acquire by the end of the course.

2. Introduction to vRealize Operations

- **List the vRealize Operations Use Cases:** Explore various use cases for implementing vRealize Operations.
- **Access the vRealize Operations User Interface (UI):** Learn how to navigate and access the vRealize Operations UI.

3. vRealize Operations Concepts

- **Identify the Product UI Components:** Familiarization with the key components of the vRealize Operations user interface.
- **Create and Use Tags to Group Objects:** Techniques for tagging objects for better organization and management.
- **Use a Custom Group to Group Objects:** Understanding how to create and utilize custom groups for object management.

4. vRealize Operations Policies

- **Create Policies for the Various Workloads:** Learn how to develop policies tailored to different workloads.
- **Explain How Policy Inheritance Works:** Understanding the inheritance model for policies within vRealize Operations.

5. Capacity Optimization

- **Define the Capacity Planning Terms:** Overview of key terms related to capacity planning.
- **Explain the Capacity Planning Models:** Introduction to different models for capacity planning.
- **Assess the Overall Capacity of a Data Center and Identify the Optimization Recommendations:** Techniques for evaluating data center capacity and identifying areas for optimization.

6. Costing in vRealize Operations

- **Discuss the Cost Drivers in vRealize Operations:** Overview of factors that influence costs within the vRealize Operations framework.
- **Assess the Cost of Your Data Center Inventory:** Learn how to evaluate and analyze the costs associated with data center resources.

7. Performance Optimization

- **Introduction to Performance Optimization:** Overview of performance

optimization concepts and importance.

- **Define the Business and Operational Intentions for a Data Center:** Understanding the objectives and intentions behind data center operations.
- **Automate the Process of Optimizing and Balancing Workloads in Data Centers:** Techniques for automating workload optimization and balancing.
- **Report the Results of the Optimization Potential:** Methods for reporting on the outcomes of optimization efforts.

8. Troubleshooting and Managing Configuration

- **Describe the Troubleshooting Workbench:** Introduction to the tools available for troubleshooting within vRealize Operations.
- **Recognize How to Troubleshoot Problems by Monitoring Alerts:** Techniques for monitoring alerts and identifying issues.
- **Use Step-by-Step Workflows to Troubleshoot the vSphere Objects:** Guided workflows for troubleshooting vSphere components.
- **Assess Your Environment's Compliance to Standards:** Evaluating compliance with operational standards.
- **View the Configurations of the vSphere Objects in Your Environment:** Understanding how to access and analyze configuration details.

9. Operating System and Application Monitoring

- **Describe the Native Service Discovery and Application Monitoring Features:** Overview of built-in monitoring features for services and applications.
- **Configure the Application Monitoring:** Techniques for setting up application monitoring effectively.
- **Monitor the Operating Systems and Applications:** Methods for tracking the performance of operating systems and applications.

10. Managing a vRealize Operations Deployment

- **Monitor the Health of a vRealize Operations Cluster:** Techniques for assessing the health and performance of the vRealize Operations cluster.
- **Generate a Support Bundle:** Understanding how to create a support bundle for troubleshooting and support purposes.
- **View the vRealize Operations Log Files and Audit Reports:** Techniques for accessing logs and audit reports to monitor operations.
- **Perform the vRealize Operations Cluster Management Tasks:** Overview of key management tasks for maintaining the vRealize Operations cluster.