

VMware vRealize Operations: Advanced Use Cases [v8.x]

Course code: VMW_VROAUC

This two-day hands-on training course provides you with the advanced knowledge, skills, and tools to achieve competency in operating vRealize Operations 8.X. This course explains Design and create advanced Dashboards, capacity concepts, and REST API with real-world use cases.

Who is the course for

Experienced system administrators and consultants, application owners, system architects

What we teach you

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

- Use applications to group objects
- Create logical groups of objects in the vRealize Operations environment
- Create and design advanced dashboards
- Discuss widget and its settings
- Define a vRealize Operations policy
- Outline the components of a vRealize Operations policy
- Creating custom alerts
- Describe troubleshooting workbench
- Review advanced capacity concepts
- Discuss What-if analysis scenarios
- Describe how to integrate vRealize Operations with vRealize Log Insight
- Import vRealize Network Insight applications
- Super metrics use cases
- Outline REST API architecture
- Discuss vRealize Operations traversal spec
- Create and query objects using REST API

Required skills

Before taking this course, you should have completed the following course:

- VMware vRealize Operations: Install, Configure, Manage

You should also have hands-on experience administering vSphere 6.x/7.x deployments.

Course outline

1 Course Introduction

- Introductions and course logistics
- Course objectives

2 Custom Groups and Applications

- Outline use cases for custom groups
- Create custom groups
- Assign objects to custom groups
- Identify use cases for applications
- Create custom applications
- Import vRealize Network Insight applications

3 Custom Dashboard Design

- Designing dashboards
- Discuss types of widgets and widget's settings

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- Select widgets based on scenario
- Explain advanced dashboards
- Use cases of dashboards

4 Custom Policies

- Outline the components of a vRealize Operations policy
- Review the policies applied to objects in vRealize Operations
- Outline how policy hierarchy is implemented
- Design a vRealize Operations Policy
- understand how a policy supports business objectives

5 Alerts, Symptoms and Troubleshooting workbench

- Identify use case for custom alerts and symptoms
- Create custom alerts and symptoms
- Access the troubleshooting workbench feature
- Use the troubleshooting workbench feature to identify problems
- Outline metric correlation options in vRealize Operations

6 Capacity Models and What-if Scenarios

- Review Capacity planning concepts
- Describe demand based and allocation-based model
- Use cases of capacity models
- Use cases of what-if analysis scenarios

7 vRealize Operations integration

- Integrate vRealize Operations with vRealize Suite applications
- Identify the advantages of integrating vRealize Operations with vRealize Log Insight
- Integrate vRealize Operation with Service Management solutions like ServiceNow.
- Optimize vRealize Automation workload placement
- Run built-in workflows

8 Super Metrics

- Why super metrics
- Creating super metrics
- Explain depth value
- Use cases of super metrics

9 vRealize Operations REST API

- What is REST API
- Outline REST API architecture
- Navigate REST API landing page
- Swagger response codes
- Explain vRealize Operations traversal spec
- Create and query objects using REST API
- Some examples of REST API

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