



VMware vRealize Operations Day 2 Operations with Cloud [V8.2]

Course Level:

Advanced

Course Duration:

4 Days

Course Overview:

CloudThat's four-day VMware vRealize Operations: Day 2 Operations with Cloud [V8.2] training course offers the users of the VMware vRealize Operations Cloud product version with knowledge and skills on how to use advanced capabilities such as customizing alerts, reports, views, and dashboards along with explaining the architecture in VMware vRealize Operations.

This VMware certification course also teaches candidates about capacity concepts, certificates, and workload optimization using real-world use cases. The topics covered in this course includes several management packs and how to troubleshoot using dashboards and how to manage configurations and compliance. The course introduces VMware vRealize Operations Cloud to learners.





Product Alignment

- VMware vSphere 7.0 U1
- VMware vRealize Operations Manager 8.2

Prerequisites

















This class requires system administration experience with VMware vSphere® deployments or completion of one of the following courses:

VMware vSphere: Install, Configure, Manage [V7]

VMware vSphere: Optimize and Scale [V7]



Objectives

-  Determine the vRealize Operations cluster that meets your monitoring requirements
-  Deploy and configure a vRealize Operations cluster
-  Identify features and benefits of vRealize Operations
-  Use interface features to assess and troubleshoot operational issues
-  Create policies to meet the operational needs of your environment
-  Recognize effective ways to optimize performance, capacity, and cost in data centers
-  Troubleshoot and manage issues using workbench, alerts, and predefined dashboards
-  Manage configurations
-  Configure application monitoring using VMware vRealize Application Remote Collector
-  Create custom symptoms and alert definitions, reports, and views
-  Create various custom dashboards using the dashboard creation canvas
-  Configure widgets and widget interactions for dashboards
Create 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 configuring solutions
-  Monitor the health of the vRealize Operations cluster by using self-monitoring dashboards
-  Discuss the vRealize Operations Cloud features

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Course Outline

Module 1: Course Introduction

- Topics
 - Introductions and course logistics
 - Course objectives

Module 3: Certificate Management and Policies

- Topics
 - Describe vRealize Operations certificates
 - Create policies for various types of workloads
 - Explain how policy inheritance works

Module 2: Introduction to vRealize Operations

- Topics
 - Identify the components of the product UI
 - Use tags to group objects
 - Use applications to group objects

Course Outline

Module 4: Performance Optimization

Topics

- Introduction to performance optimization
- Define the business and operational intentions for a given data center
- Automate the process of optimizing and balancing the workloads in data centers
- Report on the results of optimization efforts

Module 5: Capacity and Cost Optimization

Topics

- Define capacity planning terms
- Understand capacity planning models
- Assess the overall capacity of a data center and identify optimization recommendations
- Recognize options for rightsizing virtual machines (VMs)
- Run what-if scenarios for adding workloads to a data center
- Run what-if scenarios to plan the migration of workloads to the public cloud
- Assess the cost of your datacenter inventory

Course Outline

Module 6 : Troubleshooting and Managing Configuration

Topics

- Describe the troubleshooting workbench
- Recognize how to 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

Module 7: Capacity Optimization Operating System and Application Monitoring

Topics

- Recognize how the Service Discovery manager and Telegraf fit into the vRealize Operations OS and app monitoring
- Deploy the application remote collector
- Monitor the operating system and applications by using Telegraf

Module 8: Custom Alert Definition

Topics

- Create symptom definitions
- Create recommendations, actions, and notifications
- Create alert definitions that monitor resource demand in hosts and VMs

Module 9: Custom Views and Reports

Topics

- Build and use custom views in your environment
- Create custom reports for presenting data about your environment

Course Outline

Module 10: Custom Dashboards

Topics

- 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

Module 11: Super Metrics

Topics

- Recognize different types of super metrics
- Create super metrics and associate them with objects
- Enable super metrics in policies

Module 12: User Access Control

Topics

- Recognize how users are authorized to access objects
- Determine privilege priorities when a user has multiple privileges
- Import users and user groups from an LDAP source

Module 13: Extending and Managing a vRealize Operations Deployment

Topics

- Identify the management packs that are available to your environment
- 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

Course Outline

Module 14: vRealize Operations Cloud Overview

Topics

- Discuss the vRealize Operations Cloud features
- Discuss the vRealize Operations Cloud onboarding page
- Add cloud accounts
- Monitor the health of a vRealize Operations clusters
- APM Integration Module 15: User Access Control

Who Should Enroll for this Course?

vRealize Operations Cloud customers including experienced system administrators, system integrators, and consultants responsible for designing, implementing, and customizing vRealize Operations.



About CloudThat

CloudThat is the first company in India to offer Cloud Training & Consulting services for mid-market & enterprise clients from across the globe. Since our inception in 2012, we have trained over 500K+ IT professionals from fortune 500 companies on technologies such cloud, Artificial Intelligence, Machine Learning, IoT, OpenStack, OpenShift, DevOps, MongoDB, Big Data and more.

Through sheer dedication and excellence in the field of cloud training, CloudThat has recently being recognized as **VMware Authorized Training Reseller**. In addition, CloudThat is a proud Microsoft Gold Partner, AWS Advanced Consulting Partner, Google Cloud Platform Partner, and Databricks Partner. Recently, we have won the Microsoft Asia Superstar Campaign for India-2021 for being a global leader in providing cloud training and consultancy services with exemplary track record.

Our Success Track

10+ Years
of Experience

100+
Corporates served

28+
countries catered

500K+
Professionals trained

200+
Projects delivered

350+
Cloud certifications

To know more about our VMware certification training, email at sales@cloudthat.com or call us at **+918880002200**.

