



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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# VMware vRealize Operations: Install Configure Manage [v8]

**CODE:**

VMW\_VROPSICM8

**LENGTH:**

40 Hours (5 days)

**PRICE:**

kr43,000.00

## Description

This five-day course includes instruction on advanced capabilities, including customization and management, and explains the architecture of VMware vRealize® and different ways of deploying vRealize operations. This course explains certificates, capacity concepts, and workload optimization with real-world use cases. This course covers troubleshooting using dashboards and how-to managing configurations. This course also covers management packs such as those for or in the SDDC Management Health solution, VMware vRealize® Service Discovery™ Management Pack, and VMware vRealize® Orchestrator™. In general, this course explains how to use and configure most of the new features and enhancements in version 8.0.

## 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, capacity, and cost in data centers
- Troubleshoot and manage issues and configurations using alerts and dashboards
- Use Telegraf 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, solutions, and self-monitoring.

## Audience

Experienced system administrators, system integrators, and consultants responsible for designing, implementing, and customizing vRealize Operations.

## Prerequisites

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

- VMware vSphere: Install, Configure, Manage [V6.7]
- VMware vSphere: Optimize and Scale [V6.7]

## Programme

1 Course Introduction • Introductions and course logistics • Course objectives  
2 User Interface Enhancements  
• 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 vRealize Lifecycle Manager to deploy vRealize Operations  
4 vRealize Operations Architecture and Certificates • Describe the functions of the components in a vRealize Operations 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  
• Describe vRealize Operations certificates  
5 vRealize Operations Concepts and Policies  
• Identify the tasks that can be performed in the administration and product user interfaces  
• Describe dashboards and their usage  
• Use tags to group objects  
• Create policies for various types of workloads  
• Explain how policy inheritance works  
6 Performance Optimization • Assess the performance of your environment to determine which data centers need optimization

- Define the business and operational intents for a given data center
- Automate the process of optimizing and balancing the workloads in data centers • Report on the results of optimization efforts
- 7 Capacity Optimization and Costing • Define capacity planning terms • Understand capacity planning models
- Assess the overall capacity of a data center and identify optimization recommendations • Recognize options for rightsizing 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
- 8 Managing Configurations and Troubleshooting Pillars • 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 9 Operating System and Application Monitoring
- Recognize how the Service Discovery manager and Telegraf fits into the vRealize Operations OS and app monitoring
- Deploy the Application remote collector • Monitor the operating system and applications by using Telegraf
- 10 Custom Alert Definition • Create symptom definitions • Create recommendations, actions, and notifications
- Create alert definitions that monitor resource demand in hosts and VMs 11 Custom Views and Reports
- Build and use custom views in your environment • Create custom reports for presenting data about your environment
- 12 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 13 Super Metric
- Recognize different types of super metrics • Create super metrics and associate them with objects
- Enable super metrics in policies 14 User Access Control • 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
- 15 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

På begäran, [kontakta oss](#)

## Ytterligare information

[Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.](#)