

VMware vRealize Operations: Install, Configure, Manage (VROMICM)

ID VROMICM Preis 3.440,- € (exkl. MwSt.) Dauer 5 Tage

Kursüberblick

This five-day course, designed for experienced VMware vSphere® users, teaches you how to use VMware vRealize® Operations™ as a forensic and predictive tool. Based on VMware ESXi™ 6.7, VMware vCenter Server® 6.7, and vRealize Operations 7.0, this course includes instruction on advanced capabilities, including customization and management.

Product Alignment

- vRealize Operations 7.0
- ESXi 6.7
- vCenter Server 6.7

Zielgruppe

Experienced system administrators and system integrators, and consultants responsible for customizing vRealize Operations content

Voraussetzungen

This class requires completion of one of the following courses:

- [VMware vSphere: Install, Configure, Manage \(VICM\)](#)
- [VMware vSphere: Optimize and Scale \(VOS\)](#)

Or system administration experience with vSphere deployments

Kursziele

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 and capacity in data centers
- Troubleshoot and manage issues and configurations using alerts and dashboards
- Use Endpoint Operations Management 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 and solutions

This course prepares you for the following specialization:

- VMware vRealize Operations 2017 Specialist

Kursinhalt

- Course Introduction
- Introduction to vRealize Operations
- Deploying vRealize Operations
- vRealize Operations Concepts
- vRealize Operations Architecture
- Performance Optimization

- Capacity Optimization
- Troubleshooting and Managing Configurations
- Operating System and Application Monitoring
- vRealize Operations Policies
- Custom Alert Definitions
- Views and Reports
- Custom Dashboards
- Super Metrics
- User Access Control
- Extending and Managing a vRealize Operations Deployment

Detallierter Kursinhalt

Course Introduction

- Introductions and course logistics
- Course objectives

Introduction to vRealize Operations

- Describe how to use vRealize Operations to manage the software-defined data center
- Identify features and benefits of vRealize Operations

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 VMware vRealize® Suite Lifecycle Manager™ to deploy vRealize Operations

vRealize Operations Concepts

- Identify the tasks that can be performed in the administration and product user interfaces
- Recognize how to use dashboards, views, and reports to gather information about the environment
- Use tags, applications, and custom groups to group related objects in the environment

vRealize Operations Architecture

- Describe the functions of the components in a 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

Performance Optimization

- Assess the performance of your environment to determine which data centers need optimization
- Define the business and operational intents for your data centers
- Automate the process of optimizing and balancing workloads in your data centers
- Report on the results of your optimization efforts

Capacity Optimization

- Define capacity planning terminology and capacity planning models
- Assess the overall capacity of a data center and identify optimization recommendations
- Run what-if scenarios to plan for future resource capacity and workload requirements
- Assess the cost of running the data centers in your environment

Troubleshooting and Managing Configurations

- 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
- Describe how logs can be accessed by integrating vRealize Operations with VMware vRealize® Log Insight™
- View inventory trees on the Environment page to monitor vSphere objects
- Monitor the performance of a vRealize Operations instance

Operating System and Application Monitoring

- Deploy the Endpoint Operations Management agent

- Monitor operating systems by viewing the metrics collected by the Endpoint Operations Management agent

vRealize Operations Policies

- Create policies for various types of workloads
- Explain how policy inheritance works

Custom Alert Definitions

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

Views and Reports

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

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

Super Metrics

- Create super metrics and associate them with vSphere objects
- Enable super metrics in policies

User Access Control

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

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