

Szkolenie: HPE  
VMware vRealize Operations Manager: Install, Configure, Manage



## Cel szkolenia:

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

- Navigate the vRealize Operations user interface
- Use alerts and dashboards to troubleshoot common and complex vSphere operational issues
- Assess performance and optimize workloads based on business or operational intents
- Assess overall capacity and identify cost savings opportunities
- Perform capacity planning and what-if analyses
- Configure groups and policies to meet the operational needs of your environment
- Customize vRealize Operations by creating alert definitions, symptom definitions, views, reports, dashboards, and super metrics
- Give users and user groups controlled access to your environment
- Monitor operating systems and applications
- Extend the capabilities of vRealize Operations by adding management packs and solutions
- Scale a vRealize Operations deployment and make it highly available
- Install and configure vRealize Operations
- Monitor and maintain a vRealize Operations deployment

## Audience

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

## Plan szkolenia:

- Course Introduction
  - Introductions and course logistics
  - Course objectives
- Introduction to vRealize Operations
  - Describe how vRealize Operations is used to manage the software-defined data center
  - Describe the 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 VMware vRealize Suite Lifecycle Manager™ can be used to deploy vRealize Operations
- vRealize Operations Concepts
  - Navigate the main pages of the product user interface
  - Use the product UI and the admin UI
  - Use tags, applications, and groups to group related objects in the environment
- vRealize Operations Architecture
  - Describe the function of the components in a node
  - Describe the roles in a vRealize Operations cluster
  - Explain how a node's components interact to achieve scalability and availability
  - Explain how data is collected and analyzed by vRealize Operations
  - List the functions of the analytics component
- 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
- Capacity Optimization
  - Define capacity planning terminology and capacity planning models
  - Assess the overall capacity of a data center and provide optimization recommendations
  - Use what-if scenarios to plan for future capacity requirements
  - Assess the cost of running the data centers in your environment
- Troubleshooting and Managing Configurations
  - Use predefined 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™
  - Use inventory trees on the Environment page to monitor vSphere objects
  - Monitor the performance of the 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

- Describe how Wavefront integrates with 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
  - Explain how users are authorized to access objects
  - Explain how privileges are prioritized 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
  - Explore 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
  - Use symptoms to indicate a potential issue
  - Use badges to visually analyze your environment to identify good or bad conditions for the entire environment

## Wymagania:

This course has the following prerequisites:

- VMware vSphere: Install, Configure, Manage [V6.X]
- VMware vSphere: Optimize and Scale [V6.X]
- Or system administration experience with vSphere deployments

## Poziom trudności



## Certyfikaty:

After completing the course, participants receive a certificate of completion of course.

## Prowadzący:

Authorized VMware Trainer.