

## VMware Specialist: vRealize Operations 6.x Badge Exam (2VB-602) Exam Preparation Guide



### Exam Preparation Guide

*Last Updated: Tuesday, September 26, 2017*

#### Exam Details

The VMware Specialist: vRealize Operations 6.x badge (2VB-602) exam is a 60-item exam, with a passing score of 300 using a scaled method. Candidates are given a time limit of 150 minutes, which includes an automatic 30-minute time extension for non-native English speakers, to complete the exam.

#### Exam Delivery

This exam is delivered online and non-proctored, world-wide. It must be completed within two days of purchase. For more information, visit the [Pearson VUE website](#).

#### Certification Information

Passing the VMware Specialist: vRealize Operations 6.x badge (2VB-602) exam is one of the requirements of the VMware vRealize Operations 2017 Specialist badge. You **MUST** also hold a valid VMware Certified Professional 6 (VCP6) or later version for any solution track (e.g., VCP6.5-DCV, VCP6-NV, VCP7-CMA).

For more details and a complete list of requirements and recommendations for badge attainment, please see the [VMware vRealize Operations 2017 Specialist website](#).

#### Product Affiliation

This badge and associated requirements cover vRealize Operations 6.2 through vRealize Operations 6.5.

#### Training Affiliation

The [VMware vRealize Operations Manager: Install, Configure, Manage \[V6.2\] course](#) is strongly recommended preparatory training, though not required.

#### Minimally Qualified Candidate

The Minimally Qualified Candidate (MQC) is a conceptualization of the certification candidate that possesses the minimum knowledge, skills, experience, and competence to just meet our expectations of a credentialed individual.

The MQC achieving the VMware vRealize Operations 2017 Specialist badge is capable of vRealize Operations deployment, ongoing maintenance and administration, capacity management, basic troubleshooting and alerting, solution customizations with reports and dashboards and solution extensibility through End-Point Operations and management packs. This can be obtained through either the vRealize Operations: Install, Configure, Manage class or through hands-on experience with vRealize Operations in their own environment.

The MQC understands virtualization concepts and is aware of VMware products, underlying technologies, and solutions. The MQC is familiar with VMware solution domains (including vSphere, vSAN, NSX, vRealize Suite, Horizon 7 Suite, etc.).

## Exam Sections

### Section 1- vRealize Operations Manager User Interface

- Objective 1.1 – inventory trees
- Objective 1.2 – Dashboard Navigation
- Objective 1.3 – Environment page

### Section 2 – vRealize Operations Manager Concepts

- Objective 2.1 – Explain how data is collected and analyzed by vRealize Operations Manager

### Section 3 – Troubleshooting System Health Issues

- Objective 3.1 – Use views to gather information about the environment
- Objective 3.2 – Discuss vRealize Operations badges
- Objective 3.3 – Discuss the process for troubleshooting system health issues with dashboards
- Objective 3.4 – Troubleshoot system health issues with Alerts, Symptoms and Recommendations
- Objective 3.5 – Discuss Automated Action Framework

### Section 4 – Capacity Planning

- Objective 4.1 – Discuss capacity planning models
- Objective 4.2 – Assess capacity risk in the environment
- Objective 4.3 – Troubleshoot risk and efficiency issues
- Objective 4.4 – Identify ways to optimize resource utilization in the environment
- Objective 4.5 – Use projects to perform what-if scenarios

### Section 5 – Tags, Application Groups, and Custom Object Groups

- Objective 5.1 – Use tags and applications to group objects
- Objective 5.2 – Create custom groups and CDCs in the environment

### Section 6 – Policies

- Objective 6.1 – Understand policy components and what can be changed in policies
- Objective 6.2 – Purposely omitted
- Objective 6.3 – Explain how policy inheritance works

### Section 7 – Intelligent Workload Placement

- Objective 7.1 – Use workload placement to rebalance workloads across the environment
- Objective 7.2 – Identify scenarios that would benefit from workload placement

### Section 8 – Custom Alerts

- Objective 8.1 – Create symptom definitions
- Objective 8.2 – Create recommendations and use actions
- Objective 8.3 – Create notifications
- Objective 8.4 – Create alert definitions

### Section 9 – Custom Views and Reports

- Objective 9.1 – Describe the various types of views
- Objective 9.2 – Create views
- Objective 9.3 – Create reports

### Section 10 – Custom Dashboards

- Objective 10.1 – Create custom dashboards
- Objective 10.2 – Configure widgets and widget interactions
- Objective 10.3 – Configure dashboard navigation
- Objective 10.4 – Manage dashboards

### Section 11 – Super Metrics

- Objective 11.1 – Create super metrics

### Section 12 – User Access Control

- Objective 12.1 – Create local users and user groups
- Objective 12.2 – Assign roles to local users and groups
- Objective 12.3 – Import users and user groups from an LDAP source

### Section 13 – Operating System and Application Monitoring

- Objective 13.1 – Deploy EPOps operating system and application monitoring
- Objective 13.2 – Monitor operating systems and applications

### Section 14 – Management Packs

Objective 14.1 – Describe the components of a management pack and the value they deliver (extensibility)

Objective 14.2 – Install and configure a management pack

Section 15 – Architecture, Scalability, and Availability

Objective 15.1 – Describe the components of a vRealize Operations Manager node

Objective 15.2 – Describe the roles in a vRealize Operations Manager cluster

Objective 15.3 – Explain how a node's components interact to achieve scalability and availability

Section 16 – Deploying vRealize Operations Manager

Objective 16.1 – Determine how to size a vRealize Operations Manager cluster

Objective 16.2 – Install and configure a vRealize Operations Manager cluster

Objective 16.3 – Monitor and manage a vRealize Operations Manager cluster

## Sample Exam Questions

### Sample Question 1

Which badge represents a ratio between the demand for resources and the usable capacity for a certain period?

- A. Workloads
- B. Anomalies
- C. Stress
- D. Density

### Sample Question 2

What is the default stress threshold?

- A. 85% of capacity
- B. 80% of capacity
- C. 75% of capacity
- D. 70% of capacity

### Sample Question 3

Which two statements are true about custom groups and custom data centers (CDCs)? (Choose two.)

- A. Only custom groups defined explicitly by users can be exported from or imported to vRealize Operations.
- B. Only built-in groups defined explicitly by the system can be exported from or imported to vRealize Operations.
- C. A custom data center is a user-defined container for a group of objects that includes clusters and hosts.
- D. Custom data center objects CANNOT be used in vRealize Operations to balance the workloads across clusters in an environment.

### Sample Question 4

Which statement is true regarding Notifications?

- A. Outbound settings are not required when configuring Notifications.
- B. Only one object can be selected within a scope filter.
- C. Receiving Notifications requires a user account in vRealize Operations.
- D. Outbound settings are required to be configured before Notifications can be used.

### Sample Question 5

Which view type can display a grouping of data sets from a monitored environment as a bar chart?

- A. Image
- B. Distribution
- C. Trend
- D. Summary

### Sample Question 6

Which two methods can be used to create super metrics? (Choose two.)

- A. By navigating to Administration > Policies, editing a policy and adding it to Collect Metrics and Properties.
- B. By using appropriate calls via the REST API or OPS CLI.

- C. By selecting an existing metric on the All Metrics tab, right-clicking it and selecting Create Super Metric.
- D. By navigating to Administration > Inventory Explorer and selecting the Create Super Metric icon.
- E. By navigating to Content > Super Metrics and clicking the green plus icon.

#### Sample Question 7

How is access controlled to specific objects in vRealize Operations?

- A. Within Authentication Sources, add or edit a user or group, then select Objects from the hierarchies.
- B. Within Access Control, add or edit a role under permissions, then select Objects from the hierarchies.
- C. Within Access Control, add or edit a user or group, then select Objects from the hierarchies.
- D. Within Authentication Sources, add the Object Access role to a user or group.

#### Sample Question 8

Which two deployments could be used to achieve maximum amount of objects and metric collection supported by vRealize Operations 6.5? (Choose two.)

- A. 1 master node, 1 master replica node and 14 data nodes
- B. 1 master node, 15 data nodes and 50 remote collectors
- C. 1 master node and 15 data nodes
- D. 1 master node, 1 data node (X-LARGE) and 50 remote collectors

#### Sample Question 9

What is the purpose of the vRealize Operations (vROps) master replica node?

- A. vROps cluster configuration backup
- B. Data collection and data storage
- C. Recovery of any vROps cluster member that fails
- D. Fault tolerance

#### Sample Question 10

When disabling high availability, which node type gets removed from the vRealize Operations Manager cluster before the cluster restarts?

- A. Master node
- B. Data node
- C. Remote collector node
- D. Master replica node

Answer Key: 1-C; 2-D; 3-A and C; 4-D; 5-B; 6-B and E; 7-C; 8- B and C; 9-A; 10-D

#### **Recommended Course**

VMware vRealize Operations Manager: Install, Configure, Manage [V6.2] course

## References

[Manage Solution - VMware vSphere Solution Workspace Options](#)

[Monitoring Objects in Your Managed Environment by Using vRealize Operations Manager](#)

[About Installing](#)

[Reference Architecture](#)

[Cluster Requirements](#)

[VMware vRealize Operations Manager Information](#)

[Override Analysis Settings in Policy Workspace](#)

[Analyzing the Resources in Your Environment](#)

[Projects Scenarios Workspace](#)

[VMware vCloud Suite](#)

[vRealize Operations](#)

[vRealize Suite](#)

[Dashboards](#)

[Widgets](#)

[Views Overview](#)

[Create and Configure a View](#)

[Configuring Super Metrics](#)

[About Metrics and Super Metrics Symptoms](#)

[supermetric Command Operations](#)

[Managing Objects in Your Environment](#)

[Managing Custom Object Groups](#)

[Managing Application Groups](#)

[Custom Datacenters in VMware vRealize Operations Manager](#)

[vRealize Operations Manager 6.2 Release Notes](#)

[vRealize Operations Manager User Guide](#)

[Custom Profiles Details](#)

[Alert and Symptom Definitions Details](#)

[Analysis Settings Details](#)

[Collect Metrics and Properties Details](#)

[Workload Automation Details](#)

[vRealize Operations Manager 6.5 Sizing Guidelines \(2148829\)](#)

[Installation Types](#)

[Types of Alerts](#)

[About vRealize Operations Manager Cluster Nodes](#)

[vRealize Operations Manager Cluster and Node Maintenance](#)

[Create and Modify a Report Template](#)

[Report Templates Tab](#)

[Monitoring and Responding to Alerts](#)

[Investigating Object Alerts](#)

[Working with Actions That Use Power Off Allowed](#)

[Integration of Actions with vRealize Automation](#)  
[List of vRealize Operations Manager Actions](#)  
[Managing Agent Registration on vRealize Operations Manager Servers](#)  
[Install Multiple Endpoint Operations Management Agents Simultaneously](#)  
[Configure the Endpoint Operations Management Agent to vRealize Operations ManagerServer Communication Properties](#)  
[Manually Create Operations System Objects](#)  
[Customizing How Endpoint Operations Management Monitors Operating Systems](#)  
[Installing Optional Solutions in vRealize Operations Manager](#)  
[Configuring Policies](#)  
[Create an Alert Definition for Department Objects](#)  
[Defining Recommendations for Alert Definitions](#)  
[Defining Symptoms for Alerts](#)  
[Defining Alerts in vRealize Operations Manager](#)  
[VMware vRealize Operations Manager 6.6 Help](#)  
[Configuring Notifications](#)  
[Actions Supported for Automation](#)  
<https://blogs.vmware.com/management/2017/03/create-a-custom-vrops-dashboard.html>  
<https://blogs.vmware.com/management/2016/02/vrealize-operations-6-2-intelligent-workload-placement-with-drs-2.html>

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