

VMware vRealize Operations Specialist

Exam Details (Last Updated: 01/09/2023)

The VMware vRealize Operations Specialist (5V0-35.21) which leads to the VMware Certified Specialist – vRealize Operations specialist certification, is a 76-item exam, with a passing score of 300 using a scaled method. Exam time is 135 minutes.

Exam Delivery

This is a proctored exam delivered through Pearson VUE. For more information, visit the [Pearson VUE website](#).

Certification Information

For details and a complete list of requirements and recommendations for attainment, please reference the [VMware Education Services – Certification website](#).

Minimally Qualified Candidate

The Minimally Qualified Candidate (MQC) can install, configure and manage vRealize Operations Manager without assistance. The MQC can utilize vRealize Operations Manager to perform capacity planning; health and performance monitoring (including using Custom Reports, Dashboards, Views, Alerts, extending vROPS functionality through Management packs, and super metrics). The MQC can also utilize vRealize Operations Manager to perform performance optimization and troubleshooting, to perform compliance checks and cost analysis of the environment, and to monitor service and applications. The MQC holds a VCP 2019, 2020 or 2021 certification. Minimally Qualified Candidate should have all the knowledge contained in the exam sections listed below.

Exam Sections

If a section does not have testable objectives in this version of the exam, it will be noted below, accordingly. The objective numbering may be referenced in your score report at the end of your testing event for further preparation should a retake of the exam be necessary.

Section 1 – Introduction – There are no testable objectives for this section

Section 2- Introduction to vRealize Operations

Objective: 2.1: Identify use cases for vRealize Operations.

Objective: 2.2: Identify the role played by the admin UI in managing a vRealize Operations cluster.

Section 3 - vRealize Operations Architecture

Objective: 3.1: Identify the types of nodes and their role in a vRealize Operations cluster.

Objective: 3.2: Identify how high availability is achieved in vRealize Operations.

Objective: 3.3: Identify the use cases for configuring Continuous Availability (CA).

Section 4 - Deploying vRealize Operations

Objective: 4.1: Given a scenario, identify the deployment architecture that should be used.

Objective: 4.2: Identify how to use the sizing tool.

Objective: 4.3: Given a scenario including an output of the sizing tool, identify information about the configuration.

Objective: 4.4: Identify the deployment options and requirements for vRealize Operations node.

Objective: 4.5: Given a scenario, identify how to create or expand the cluster.

Objective: 4.6: Identify the types of supported cloud accounts.

Objective: 4.7: Given a scenario, identify the type of Cloud Account and Other Accounts that should be used.

Section 5 - vRealize Operations Concepts

Objective: 5.1: Identify the components of the product UI.

Objective: 5.2: Identify the types and uses of object groupings.

Section 6 - vRealize Operations Policies and Certificates Management

Objective: 6.1: Given a use case, identify what can be configured in the policy and how the policy can be applied.

Objective: 6.2: Identify the characteristics of policy inheritance.

Section 7 - Capacity Optimization

Objective: 7.1: Identify the differences between demand and allocation capacity models.

Objective: 7.2: Given a scenario, identify the options for resource reclamation.

Objective: 7.3: Given a scenario, identify the impact of adding or removing virtual machines or hosts to a datacenter.

Objective: 7.4: Given a scenario, identify the impact of migrating from one datacenter to another.

Objective: 7.5: Given a scenario, identify the cost impact of migrating workloads to a public cloud.

Objective: 7.6: Identify the need for a custom cloud provider when completing What If scenarios.

Objective: 7.7: Identify the types of cost drivers in vRealize Operations.

Objective: 7.8: Identify requirements for completing cost calculations for a datacenter inventory.

Objective: 7.9: Identify the use case for configuration a price card.

Section 8- Performance Optimization

Objective: 8.1: Identify the options for performance optimization.

Objective: 8.2: Given a scenario, identify the use case for operational intent.

Objective: 8.3: Given a scenario, identify the use case for business intent.

Objective: 8.4: Identify the configuration options for operational and business intent.

Section 9 - Troubleshooting and Managing Configuration Pillars

Objective: 9.1: Identify the characteristics of the troubleshooting workbench.

Objective: 9.2: Given a scenario, identify how to use the troubleshooting workbench to resolve the alert or issue.

Objective: 9.3: Given a scenario, identify the compliance of the environment to a compliance benchmark.

Objective: 9.4: Identify the various compliance standards supported by vRealize Operations.

Objective: 9.5: Identify how to view or change vSphere object configurations.

Section 10 - Application Monitoring in vRealize Operations

Objective: 10.1: Identify the characteristics of service discovery and application monitoring.

Objective: 10.2: Given a scenario, identify the pre-requisites for service discovery.

Objective: 10.3: Given a scenario, identify the pre-requisites for application monitoring.

Objective: 10.4: Identify the process for configuring application monitoring.

Objective: 10.5: Given a scenario, identify the additional monitoring options that are provided using application monitoring.

Section 11 - Custom Alert Definitions

Objective: 11.1: Identify the components of an alert definition.

Objective: 11.2: Identify characteristics of a symptom definition.

Objective: 11.3: Given a scenario, identify the type of alert action that is required.

Objective: 11.4: Identify the function of an alert recommendation.

Objective: 11.5: Identify the characteristics of the automation action framework.

Objective: 11.6: Identify the characteristics of an alert notification.

Objective: 11.7: Given a scenario, identify how to create the alert definitions.

Section 12 - Custom Views and Reports

Objective: 12.1: Identify the components of custom views.

Objective: 12.2: Identify options for report generation.

Section 13 - Custom Dashboards

Objective: 13.1: Identify characteristics of dashboards.

Objective: 13.2: Given a scenario, identify how to troubleshoot issues with a dashboard.

Objective: 13.3: Given a scenario, identify the interactions between views and widgets on a dashboard.

Objective: 13.4: Identify the process to include a metric configuration file for the Scoreboard widget.

Objective: 13.5: Identify how to manage dashboards.

Objective: 13.6: Given a scenario, identify the options for sharing dashboards.

Section 14 - Super Metrics

Objective: 14.1: Identify the characteristics of super metrics.

Objective: 14.2: Identify options to apply super metrics.

Section 15 - User Access Control

Objective: 15.1: Given a scenario, identify how to configure role-based access control.

Objective: 15.2: Identify how privilege priorities impact user rights.

Objective: 15.3: Identify how to import users in groups from an LDAP source.

Section 16 - Extending and Managing a vRealize Operations Deployment Objective: 16.1: Identify characteristics of a management pack.

Objective: 16.2: Identify how to monitor the health of a vRealize Operations cluster.

Objective: 16.3: Identify types of support bundles.

Objective: 16.4: Identify how to generate support bundles.

Objective: 16.5: Identify how to view vRealize Operations logs and audit reports in the UI.

Objective: 16.6: Given a scenario, identify how to perform vRealize Operations cluster management tasks.

Section 17 - vRealize Operations Cloud Overview

Objective: 17.1: Identify the characteristics of the cloud services console.

Objective: 17.2: Identify the role and use cases of the cloud proxy when used with vRealize Operations Cloud.

Objective: 17.3: Given a scenario, identify the process of onboarding workload in vROPS cloud.

Objective: 17.4: Identify the integration options for the vRealize Cloud solutions.

Objective: 17.5: Given a scenario, identify the differences between vRealize Operations Cloud and vRealize Operations.

Recommended Courses

VMware vSphere: Install, Configure, Manage [v7]

VMware vRealize Operations: Install, Configure, Manage [V8.2] – On Demand

Certification Requirements

VCP-DCV 2022

References

In addition to the recommended courses, item writers used the following references for information when writing exam questions. It is recommended that you study the reference content as you prepare to take the exam, in addition to the recommended training.

https://mylearn.vmware.com/mgrReg/courses.cfm?ui=www_edu&a=one&id_subject=96699

<https://www.vmware.com/in/products/vrealize-operations.html>

<http://docs-prod.vmware.com/en/VMware-vRealize-Operations-Cloud/services/user-guide/>

<https://docs.vmware.com/en/vRealize-Operations-Manager/8.2/com.vmware.vcom.vapp.doc/>

<http://docs-prod.vmware.com/en/vRealize-Operations-Manager/8.2/com.vmware.vcom.refarch.doc/>

<http://docs-prod.vmware.com/en/vRealize-Operations-Manager/8.2/com.vmware.vcom.core.doc/>

<https://docs.vmware.com/en/VMware-vRealize-Operations-Cloud/services/config-guide/>

<http://docs-prod.vmware.com/en/VMware-vRealize-Operations-Cloud/services/getting-started/>

Exam Content Contributors

Bilel Kammoun
Bora Yildiz
Christian Mohn
Christopher Lewis
Dean Lewis
Faisal Rahman
Gregg Parsons
Jason Willey
Kim Bottu
Manfred Hofer
Martin Bakker
Mateusz Konopnicki
Michael Fu
Paul McSharry
Pawel Piotrowski
Ranjna Aggarwal
Shashidhar Nimbargi



VMware, Inc. 3401 Hillview Avenue Palo Alto CA 94304 USA Tel 877-486-9273 Fax 650-427-5001 www.vmware.com © 2023 VMware, Inc. All rights reserved. The product or workshop materials is protected by U.S. and international copyright and intellectual property laws. VMware products are covered by one or more patents listed at <http://www.vmware.com/download/patents.html>. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies. VMware warrants that it will perform these workshop services in a reasonable manner using generally accepted industry standards and practices. THE EXPRESS WARRANTY SET FORTH IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE SERVICES AND DELIVERABLES PROVIDED BY VMWARE, OR AS TO THE RESULTS WHICH MAY BE OBTAINED THEREFROM. VMWARE WILL NOT BE LIABLE FOR ANY THIRD-PARTY SERVICES OR PRODUCTS IDENTIFIED OR REFERRED TO CUSTOMER. All materials provided in this workshop are copyrighted by VMware ("Workshop Materials"). VMware grants the customer of this workshop a license to use and make reasonable copies of any Workshop Materials strictly for the purpose of facilitating such company's internal understanding, utilization and operation of its licensed VMware product(s). Except as set forth expressly in the sentence above, there is no transfer of any intellectual property rights or any other license granted under the terms of this workshop. If you are located in the United States, the VMware contracting entity for the service will be VMware, Inc., and if outside of the United States, the VMware contracting entity will be VMware International Limited.