

# VMware Cloud Operations 8.x Professional

## Exam Details (Last Updated: 12/31/2024)

The VMware Cloud Operations Professional (2V0-32.22) exam, which leads to VMware Certified Professional – Cloud Operations certification, is a 60-item exam with a passing score of 300 using a scaled method. Candidates are given an appointment time of 130 minutes which includes adequate time to complete the exam for non-native English speakers. This exam may contain a variety of item types including single-selection multiple-choice, multiple-selection multiple-choice, matching, drag-and-drop, and hot area. Additional item types may be used but will appear less frequently than those previously mentioned.

## 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 Certification website](#).

## Minimally Acceptable Candidate

The Minimally Acceptable Candidate (MAC) has 6 - 12 months hands-on experience installing, configuring, administering, and operating vRealize Operations and vRealize Log Insight. The candidate is typically an administrator who can perform vRealize Operations and vRealize Log Insight deployments. The candidate is also comfortable managing vRealize Operations and vRealize Log Insight environments using vRealize Suite Lifecycle Manager and troubleshooting both vRealize Operations and vRealize Log Insight solutions. The candidate should have all the knowledge contained in the exam sections (blueprint).

## Exam Sections

VMware exam blueprint sections are standardized into the seven sections below, some of which may NOT be included in the final exam blueprint depending on the exam objectives.

- Section 1 – Architecture and Technologies
- Section 2 – VMware Products and Solutions
- Section 3 – Planning and Designing
- Section 4 – Installing, Configuring, and Setup
- Section 5 – Performance-tuning, Optimization, and Upgrades
- Section 6 – Troubleshooting and Repairing
- Section 7 – Administrative and Operational Tasks

If a section does not have testable objectives in this version of the exam, it will be noted 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.

## Sections Included in this Exam

### Section 1 - Architecture and Technologies

- Objective 1.1 – Differentiate between VMware Cloud Management offerings (SaaS vs. On-Premises)
- Objective 1.2 – Identify the features and capabilities of vRealize Suite Lifecycle Manager
- Objective 1.3 – Identify the features and capabilities of vRealize Operations
- Objective 1.4 – Identify the features and capabilities of vRealize Log Insight

### Section 2 - VMware Products and Solutions

- Objective 2.1 – Explain the components and integrations within a VMware Cloud Management solution
- Objective 2.2 – Identify the role of the vRealize True Visibility Suite within a Cloud Operations solution
- Objective 2.3 – Identify the use case for Skyline, Federated Analytics, and vRealize AI Cloud
- Objective 2.4 – Identify the use case for vRealize Suite Lifecycle Manager
- Objective 2.5 – Identify the use case for vRealize Operations Remote Collectors, Cloud Proxies, and Collector Groups
- Objective 2.6 – Identify the use case for vRealize Log Insight and Log Insight Cloud

### Section 3 - Planning and Designing

- Objective 3.1 – Describe the different architectures for vRealize Operations (standalone vs. clustered, HA, and Continuous Availability modes)
- Objective 3.2 – Describe the different architectures for vRealize Log Insight (standalone vs. clustered)
- Objective 3.3 – Size a vRealize Log Insight deployment based on a given scenario
- Objective 3.4 – Size a vRealize Operations deployment based on a given scenario
- Objective 3.5 – Identify the use case for vRealize Operations Remote Collectors, Cloud Proxies, and Collector Groups

### Section 4 - Installing, Configuring, and Setting Up

- Objective 4.1 – Identify the pre-requisites for the installation (DNS, NTP, Service Accounts, etc.)
- Objective 4.2 – Identify the steps for deploying vRealize Suite Lifecycle Manager
- Objective 4.3 – Identify the steps of a manual installation of vRealize Operations (standalone, cluster)
- Objective 4.4 – Identify the steps for installing vRealize Operations using vRealize Lifecycle Manager (standalone, cluster)
- Objective 4.5 – Identify the steps of a manual installation of vRealize Log Insight (standalone, cluster)
- Objective 4.6 – Identify the steps for installing vRealize Log Insight using vRealize Lifecycle Manager (standalone, cluster)
- Objective 4.7 – Configure identity and access management (RBAC) in vRealize Operations, vRealize Log Insight, and vRealize Suite Lifecycle Manager
- Objective 4.8 – Configure vRealize Suite Lifecycle Manager (extend storage, binary mapping, DNS, NTP, password, license store, identity, environment, etc.)
- Objective 4.9 – Configure data sources in vRealize Operations and vRealize Log Insight
- Objective 4.10 – Install and configure management and content packs in vRealize Operations and vRealize Log Insight

Objective 4.11 – Describe setting up content management in vRealize Suite Lifecycle Manager

Objective 4.12 – Integrate vRealize Operations and vRealize Log Insight

## Section 5 - Performance-tuning, Optimization, and Upgrades

NO TESTABLE OBJECTIVES IN THIS SECTION

## Section 6 – Troubleshooting and Repairing

Objective 6.1 – Identify how to generate log bundles (vRealize Operations, vRealize Log Insight, and vRealize Suite Lifecycle Manager)

Objective 6.2 – Describe the options for managing vRealize Operations cluster

Objective 6.3 – Describe the options for managing vROps/vRealize Log Insight admin and root passwords

Objective 6.4 – Describe the options for changing the authentication provider in vRealize Suite Lifecycle Manager

Objective 6.5 – Troubleshoot the common vRealize Log Insight cluster performance and configuration issues

Objective 6.6 – Troubleshoot the common vRealize Operations cluster performance and configuration issues

Objective 6.7 – Troubleshoot the common vRealize Suite Lifecycle Manager performance and configuration issues

## Section 7 – Administrative and Operational Tasks

### **vRealize Suite Lifecycle Manager:**

Objective 7.1 – Identify the process for completing administrative day 2 tasks within vRealize Suite Lifecycle Manager

Objective 7.2 – Identify the process for completing operational day 2 environment tasks within vRealize Suite Lifecycle Manager

Objective 7.3 – Identify the process for completing operational day 2 content tasks within vRealize Suite Lifecycle Manager

Objective 7.4 – Manage Authentication and User Access Control

Objective 7.5 – Manage vRealize Operations Licensing and Licensing Groups

Objective 7.6 – Configure vRealize Operation Event Log Forwarding

Objective 7.7 – Apply patches or upgrades to vRealize Operations without vRealize Suite Lifecycle Manager

### **vRealize Operations:**

Objective 7.8 – Create and manage vRealize Operations Custom Dashboards, Views, Reports, and Super Metrics

Objective 7.9 – Manage Alerts, Symptoms and Notifications

Objective 7.10 – Optimize the performance of a managed VMware Cloud environment

Objective 7.11 – Optimize the capacity of a managed VMware Cloud environment

Objective 7.12 – Plan a workload, infrastructure, or cloud migration

Objective 7.13 – Assess the cost of a managed VMware Cloud environment

Objective 7.14 – Monitor operating systems and applications

Objective 7.15 – Manage jobs with Automation Central

**vRealize Log Insight:**

Objective 7.16 – Manage authentication and access in vRealize Log Insight

Objective 7.17 – Apply patches or upgrades to Log Insight without vRealize Suite Lifecycle Manager

Objective 7.18 – Configure and manage vRealize Log Insight Agents

Objective 7.19 – Configure and manage log forwarding, log masking, and log filtering in vRealize Log Insight

Objective 7.20 – Configure and manage retention and archiving settings for vRealize Log Insight

Objective 7.21 – Configure and manage the system notifications for vRealize Log Insight

## Recommended Courses

VMware vRealize Operations: Install, Configure, Manage [V8.6] – On Demand

VMware vRealize Log Insight: Deploy and Manage [V8.4]

VMware vRealize Suite Lifecycle Manager: Install, Configure, Manage [V8.0]

## Related Certification

[VCP-CO 2024](#)

## 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 any recommended training.

Name	Products
<a href="http://www.vmware.com">http://www.vmware.com</a>	VMware vRealize Operations v8.6; VMware vRealize Log Insight v8.8; VMware vRealize Suite Lifecycle Manager v8.8
<a href="http://kb.vmware.com">http://kb.vmware.com</a>	VMware vRealize Operations v8.6; VMware vRealize Log Insight v8.8; VMware vRealize Suite Lifecycle Manager v8.8
<a href="https://blogs.vmware.com">https://blogs.vmware.com</a>	VMware vRealize Operations v8.6; VMware vRealize Log Insight v8.8; VMware vRealize Suite Lifecycle Manager v8.8
<a href="https://docs.vmware.com">https://docs.vmware.com</a>	VMware vRealize Operations v8.6; VMware vRealize Log Insight v8.8; VMware vRealize Suite Lifecycle Manager v8.8
<a href="https://www.vmware.com/techpapers.html">https://www.vmware.com/techpapers.html</a>	VMware vRealize Operations v8.6; VMware vRealize Log Insight v8.8; VMware vRealize Suite Lifecycle Manager v8.8
<p>*Content in this exam is based on the following product versions: VMware vRealize Operations v8.6; VMware vRealize Log Insight v8.8; VMware vRealize Suite Lifecycle Manager v8.8. Review all release notes and material for features and function.</p>	

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