

VMware Carbon Black Cloud Professional

Exam Details (Last Updated: 5/23/2022)

The VMware Carbon Black Cloud Professional exam (2V0-91.22) which leads to VMware Certified Professional - Endpoint and Workload Security 2024 (VCP-EWS 2024) certification is a 70-item exam, with a passing score of 300 using a scaled method. Candidates are given an appointment time of 135 minutes, this is adequate time to complete the exam for non-native English speakers.

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 Learning Services - Certification website](#).

Minimally Qualified Candidate

The candidate can describe and explain endpoint and workload security, can explain VMware Carbon Black Cloud solutions and related technologies and products, but occasionally needs to research topics. The candidate understands VMware Carbon Black Cloud components, managing users and roles, configuring policies to support sensor deployment and management, and the methods for deploying sensors across endpoints and workloads, but occasionally needs to research topics. The candidate has 6 to 12 months of hands-on experience working with VMware Carbon Black Cloud solutions. The candidate possesses most of the knowledge shown in the exam sections (blueprint).

Exam Sections

VMware exam blueprint sections are now standardized to 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 – 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 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.

Sections Included in this Exam

Section 1 - Architectures and Technologies

Objective 1.1 - Describe VMware Carbon Black Cloud operating system requirements

Objective 1.2 - Identify interesting files according to VMware Carbon Black Cloud

Objective 1.3 - Identify events collected by VMware Carbon Black Cloud

Objective 1.4 - Describe data flows for VMware Carbon Black Cloud

Objective 1.5 - Create and edit a custom role in VMware Carbon Black Cloud

Objective 1.6 - Manage new console users in VMware Carbon Black Cloud

Objective 1.7 - Recognize the impact of a user role on a console user in VMware Carbon Black Cloud

Section 2 - VMware Products and Solutions

Objective 2.1 - Describe the VMware Carbon Black Cloud platform

Section 3 - Not Applicable

Section 4 - Installing, Configuring, and Setup

Objective 4.1 - Describe the use of roles in VMware Carbon Black Cloud

Objective 4.2 - Describe the RBAC capabilities of VMware Carbon Black Cloud

Objective 4.3 - Describe authentication mechanisms in VMware Carbon Black Cloud

Objective 4.4 - Describe VMware Carbon Black Cloud sensor resource usage

Objective 4.5 - List the supported operating systems for VMware Carbon Black Cloud sensors

Objective 4.6 - Explain sensor usage in VMware Carbon Black Cloud

Objective 4.7 - Identify configuration settings for endpoints in sensor policy settings in VMware Carbon Black Cloud

Objective 4.8 - Organize sensors using sensor groups to assign the desired policy based on specific criteria in VMware Carbon Black Cloud

Objective 4.9 - Compare VDI sensor settings as compared to traditional endpoint sensor settings in VMware Carbon Black Cloud

Objective 4.10 - Determine requirements for the initial deployment of sensors in VMware Carbon Black Cloud

Objective 4.11 – Identify best practices for deploying sensors with VMware Carbon Black Cloud

Objective 4.12 – Recognize the features and limitations of an installation code and company code in VMware Carbon Black Cloud

Objective 4.13 – Recognize the process for successfully completing an attended installation for VMware Carbon Black Cloud

Objective 4.14 – Recognize the differences between attended and unattended sensor installation methods in VMware Carbon Black Cloud

Objective 4.15 - Identify the correct deployment strategy for a given scenario using VMware Carbon Black Cloud

Objective 4.16 - Recognize the deployment process for VMware Carbon Black Cloud Workload

Section 5 – Not Applicable

Section 6 – Troubleshooting and Repairing

Objective 6.1 – Generate logs with unattended installations in VMware Carbon Black Cloud

Objective 6.2 – Generate sensor logs in VMware Carbon Black Cloud

Objective 6.3 – Check network connectivity for sensor installation in VMware Carbon Black Cloud

Objective 6.4 – Describe VMware Carbon Black Cloud sensor deployment

Section 7 - Administrative and Operational Tasks

Objective 7.1 - Evaluate the policy impact on sensors in VMware Carbon Black Cloud

Objective 7.2 - Describe how to send an installation request in VMware Carbon Black Cloud

Objective 7.3 - Identify eligible workloads in a vSphere environment for VMware Carbon Black Cloud

Objective 7.4 – Recognize how to enable the VMware Carbon Black Cloud sensor on a VM workload

Objective 7.5 – Explain the differences in sensor status in VMware Carbon Black Cloud

Objective 7.6 – Describe sensor update capabilities in VMware Carbon Black Cloud

Objective 7.7 – Explain sensor actions in Carbon Black Cloud

Objective 7.8 – Manage vSphere workloads in Carbon Black Cloud

Objective 7.9 – Describe the process of a sensor background scan in Carbon Black Cloud

Objective 7.10 – Recognize a properly registered sensor installation in Carbon Black Cloud

Objective 7.11 – Identify sensor status in RepCLI in Carbon Black Cloud

Courses used to develop this exam and strongly recommended to you for exam preparation:

[VMware Carbon Black Cloud: Plan and Deploy](#)

Certification

[VMware Certified Professional - Endpoint and Workload Security 2024](#)

References

In addition to the recommended course/s, 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.

<http://kb.vmware.com> - [VMware Carbon Black Cloud]

<http://www.vmware.com> - [VMware Carbon Black Cloud]

<https://blogs.vmware.com> - [VMware Carbon Black Cloud]

<https://docs.vmware.com> - [VMware Carbon Black Cloud]

<https://www.vmware.com/support/pubs> - [VMware Carbon Black Cloud]

<https://www.vmware.com/techpapers.html> - [VMware Carbon Black Cloud]

* VMware Carbon Black Cloud content in this exam is based on Sensor v2.12. View all release notes and material for features and function.

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