

Cloud Management, Operations, and Automation Advanced Design

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

The Cloud Management, Operations, and Automation Advanced Design (3V0-32.23) exam, which leads to VMware Certified Advanced Professional – Cloud Management Design certification, is a 60-item exam with a passing score of 300 using a scaled method. Candidates are given a time of 145 minutes which includes 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 Certification website](#).

Minimally Acceptable Candidate

The Minimally Acceptable Candidate is able to create, or actively contribute to, the design for a Cloud Management solution based on components of VMware Aria. The candidate understands the difference between a conceptual model, a logical design, and a physical design. Furthermore, the candidate understands the process for creating a conceptual model given a set of customer/business requirements. The candidate can differentiate between risks, assumptions and constraints, and understands how they impact a solution design. The candidate can determine the functional and non-functional requirements needed to create a logical design and can architect a physical design based on a given scenario.

Finally, the candidate will likely hold one or more industry-recognized general IT certifications as well as possessing an advanced knowledge of the architecture of VMware Aria Automation, VMware Aria Operations, VMware Aria Operations for Logs, and VMware Aria Suite Lifecycle in line with the information shown in the exam sections (blueprint).

Exam Sections

VMware exam blueprint sections are now 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 – 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 architecting a solution on SaaS vs on-prem (i.e. cloud proxy)
- Objective 1.2 – Differentiate between business and technical requirements
- Objective 1.3 – Differentiate conceptual, logical and detailed design
- Objective 1.4 – Differentiate between Availability, Manageability, Performance, Recoverability and Security (AMPRS)

Section 2 - Products and Solutions

- Objective 2.1 – Understand the design principles behind VMware Validated Solutions (VVS) & VMware Cloud Foundation
- Objective 2.2 – Understand the components and capabilities of a VMware Cloud Management solution

Section 3 - Planning and Designing

- Objective 3.1 – Gather/Analyze requirements- Business/Technical
- Objective 3.2 – Determine risks, constraints, and assumptions for a design
- Objective 3.3 – Create a Conceptual Design

Cloud Management Logical Design:

- Objective 3.4 – Based on a given scenario, identify the Design Decision(s) to support the inclusion of VMware Aria Suite Lifecycle within a Cloud Management logical design
- Objective 3.5 – Based on a given scenario, identify the Design Decision(s) to support the inclusion of VMware Identity Manager within a Cloud Management logical design
- Objective 3.6 – Based on a given scenario, identify the Design Decision(s) to support the inclusion of VMware Aria Automation within a Cloud Management logical design
- Objective 3.7 – Based on a given scenario, identify the Design Decision(s) to support the inclusion of VMware Aria Operations within a Cloud Management logical design
- Objective 3.8 – Based on a given scenario, identify the Design Decision(s) to support the inclusion of VMware Aria Operations for Logs within a Cloud Management logical design
- Objective 3.9 – Based on a given scenario, identify the Design Decision(s) to support the inclusion of VMware Aria Automation Orchestrator within a Cloud Management logical design
- Objective 3.10 – Based on a given scenario, identify the Design Decision(s) to support the inclusion of VMware Aria Automation Config within a Cloud Management logical design

Cloud Management Physical Design:

- Objective 3.11 – Based on a given scenario, identify the design decision(s) required to complete a VMware Identity Manager (Workspace ONE Access) physical design
- Objective 3.12 – Based on a given scenario, identify the design decision(s) required to complete a VMware Aria Automation physical design
- Objective 3.13 – Based on a given scenario, identify the design decision(s) required to complete a VMware Aria Operations physical design
- Objective 3.14 – Based on a given scenario, identify the design decision(s) required to complete a VMware Aria Operations for Logs physical design
- Objective 3.15 – Based on a given scenario, identify the Design Decision(s) to support the inclusion of VMware Aria Automation Config within a Cloud Management physical design

Objective 3.16 – Based on a given scenario, identify the design decision(s) required to complete a VMware Aria Suite Lifecycle physical design

Section 4 - Installing, Configuring, and Setup

NO TESTABLE OBJECTIVES IN THIS SECTION

Section 5 - Performance-tuning, Optimization, and Upgrades

NO TESTABLE OBJECTIVES IN THIS SECTION

Section 6 - Troubleshooting and Repairing

NO TESTABLE OBJECTIVES IN THIS SECTION

Section 7 – Administrative and Operational Tasks

NO TESTABLE OBJECTIVES IN THIS SECTION

Recommended Courses

[VMware vRealize Operations: Install, Configure, Manage \[V8.6\]](#)

[VMware vRealize Operations: Advanced Use Cases \[v8.x\]](#)

[VMware Aria Automation: Install, Configure, Manage \[V8.10\]](#)

[VMware Aria Suite Lifecycle: Install, Configure, Manage \[V8.8\]](#)

[VMware vSphere: Design \[V7\]](#)

Related Certification

[VCAP-CMA Design](#)

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
http://www.vmware.com	VMware Aria Automation; VMware Aria Automation Config; VMware Aria Automation Orchestrator; VMware Aria Operations; VMware Aria Operations for Logs; VMware Aria Suite Lifecycle Manager; VMware Identity Manager
http://kb.vmware.com	VMware Aria Automation; VMware Aria Automation Config; VMware Aria Automation Orchestrator; VMware Aria Operations; VMware Aria Operations for Logs; VMware Aria Suite Lifecycle Manager; VMware Identity Manager
https://blogs.vmware.com	VMware Aria Automation; VMware Aria Automation Config; VMware Aria Automation Orchestrator; VMware Aria Operations; VMware Aria Operations for Logs; VMware Aria Suite Lifecycle Manager; VMware Identity Manager
https://docs.vmware.com	VMware Aria Automation; VMware Aria Automation Config; VMware Aria Automation Orchestrator; VMware Aria Operations; VMware Aria Operations for Logs; VMware Aria Suite Lifecycle Manager; VMware Identity Manager
* Content in this exam is based on VMware Aria products. Review all release notes and material for features and function.	

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