

# Cloud Management and Automation Advanced Design

## Exam Details (Last Updated: 2/7/2023)

The Cloud Management and Automation Advanced Design (3V0-32.23) exam, which leads to VMware Certified Advanced Professional - Cloud Management and Automation Design 2023 (VCAP-CMA Design 2023) 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 Learning Services – Certification website](#).

## Minimally Qualified Candidate

The Minimally Qualified 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 provided within the exam 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 – 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 – There are no testable objectives for this section.

Section 5 – There are no testable objectives for this section.

Section 6 – There are no testable objectives for 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 \[V7\]](#)

#### Associated Certification

[VCAP-CMA Design 2023](#)

**References\***

In addition to the recommended courses, item writers use 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 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
<a href="http://kb.vmware.com">http://kb.vmware.com</a>	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
<a href="https://blogs.vmware.com">https://blogs.vmware.com</a>	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
<a href="https://docs.vmware.com">https://docs.vmware.com</a>	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
<a href="https://www.vmware.com/support/pubs/">https://www.vmware.com/support/pubs/</a>	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
<a href="https://www.vmware.com/techpapers.html">https://www.vmware.com/techpapers.html</a>	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
<a href="http://pubs.vmware.com">http://pubs.vmware.com</a>	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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