

VMware Avi Load Balancer Administrator

Exam Details

The VMware Avi Load Balancer 30.x Administrator exam (6V0-22.25), which leads to VMware Certified Professional - Avi Load Balancer Administrator certification (VCP-AVI Admin) is a 65-item exam, with a passing score of 70% using a scaled method. The exam time is 90 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) should have at least 3 months' hands-on experience with VMware Avi Load Balancer. The MQC may also have some experience using other similar products. The successful candidate will likely hold additional industry-recognized IT certifications or accreditations. The MQC should have all the knowledge contained in the exam sections listed below.

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

Sections Included in this Exam

Section 1 - Architecture and Technologies

Objective 1.1: Identify the tasks performed by the controller in an AVI architecture.

Objective 1.2: Identify what it means to have a distributed data plane.

Objective 1.3: Identify the tasks performed by the Service Engine in an AVI architecture.

Objective 1.4: Identify the characteristics of L4 from a load balancing perspective.

Objective 1.5: Identify the characteristics of L7 from a load balancing perspective.

Objective 1.6: Identify the characteristics and functionality of LB concepts including algorithms, health monitors, alerts, and persistence.

Objective 1.7: Identify the characteristics of HA including Active Active/N+M and Active Standby.

Objective 1.8: Identify the characteristics of Service Engine Groups

Objective 1.9: Identify the use case for elastic scale out.

Objective 1.10: Identify the interaction of objects including virtual service, pool, and virtual IP.

Objective 1.11: Identify the features inside an application profile.

Objective 1.12: Identify the functions of policy engine.

Objective 1.13: Identify how certificate management is conducted.

Objective 1.14: Identify the steps to turn on and off a WAF

Objective 1.15: Identify the capacity impact of turning WAF on and off. Objective 1.16: Identify the characteristics and usage of EC and RSA Certificates.

Section 2 - VMware Products and Solutions – There are no testable objectives for this section.

Section 3 - Planning and Designing - There are no testable objectives for this section.

Section 4 - Installing, Configuring, and Setup - There are no testable objectives for this section.

Section 5 - Performance-tuning, Optimization, Upgrades

Objective 5.1: Identify the capacity limitation of the service engine and the service engine group.

Objective 5.2: Identify the impact of elastic scale out.

Objective 5.3: Identify the performance limitations of real-time analytics and logs.

Section 6 - Troubleshooting and Repairing

Objective 6.1: Identify the meaning of significant and non-significant logging.

Objective 6.2: Given a sample log, identify specific parts of the log and interpret what the information means.

Objective 6.3: Identify how to enable real-time analytics.

Objective 6.4: Given a scenario about real-time analytics, identify where the problem exists.

Objective 6.5: Given a scenario and a health score, interpret the score and what can affect the score.

Objective 6.6: Identify how the logs will change when WAF is enabled.

Section 7 - Administrative and Operational Tasks

Objective 7.1: Identify how to create a virtual service.

Recommended Courses

[Avi Load Balancer: Operator Skills Curriculum](#)

[VMware Avi Load Balancer Architecture Workshop](#)

References

In addition to the recommended course, item writers recommend the following resources for you to reference content as you prepare to take the exam, in addition to the recommended training.

<https://techdocs.broadcom.com/us/en/vmware-security-load-balancing/avi-load-balancer.html>

Exam Content Contributors

Nathan McMahon



Copyright © 2024 Broadcom. All rights reserved.

The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries. For more information, go to www.broadcom.com. All trademarks, trade names, service marks, and logos referenced herein belong to their respective companies. Broadcom reserves the right to make changes without further notice to any products or data herein to improve reliability, function, or design. Information furnished by Broadcom is believed to be accurate and reliable. However, Broadcom does not assume any liability arising out of the application or use of this information, nor the application or use of any product or circuit described herein, neither does it convey any license under its patent rights nor the rights of others.