

5V0-43.21 VMware NSX Advanced Load Balancer(Avi) for Operators Skills

Exam Details

The VMware NSX Advanced Load Balancer(Avi) for Operators Skills (5V0-43.21), which leads to VMware NSX Advanced Load Balancer(Avi) for Operators 2022 Skills badge is a 50-item exam, with a passing score of 300 using a scaled method. Exam time is 105 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) The minimally qualified candidate should have at least 3 months hands-on experience with Avi. The MQC may also have some experience using other similar products. The ideal candidate has a cursory understanding of various types of clouds. 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

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.

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.

References

<https://avinetworks.com/docs/20.1/configuration-guide/>

<https://avinetworks.com/docs/20.1/application-profile/>

<https://avinetworks.com/docs/20.1/client-ip-persistence/>

<https://avinetworks.com/docs/20.1/http-health-monitor/>

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