vmware EDUCATION SERVICES

Advanced Design VMware NSX-T Data Center 3.0

Exam Details (Last Updated: 6/19/2020)

The Advanced Design VMware NSX-T Data Center 3.0 exam (3V0-42.20) which leads to VMware Certified Advanced Professional – Network Virtualization Design 2020 certification is a 57-item exam, with a passing score of 300 using a scaled method. Candidates are given an appointment time of 130 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 Education Services – Certification website.

Minimally Qualified Candidate

The minimally qualified candidate should have 1 year of experience designing NSX-T Data Center solutions and 2 or more years designing physical and virtual data centers/networks. Candidates will be adept at documenting requirements, risks, constraints, and assumptions. The successful candidate will likely hold additional industry-recognized IT certifications or accreditation. 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

If a section is missing from the list below, please note it is because the exam has no testable objectives for that section. 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.

vmware®

Sections Included in the Exam

Section 1 – Architectures and Technologies - There are no testable objectives for this section

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

Section 3- Planning and Designing

    Objective 3.1 - Create a Conceptual Design for NSX-T Data Center

        Objective 3.1.1 - Gather Customer Requirements

        Objective 3.1.2 - Analyze and Differentiate Requirements, Risks, Constraints, Assumptions and Use Cases Based on Current Customer Environment.

    Objective 3.2 - Create a Logical Design for NSX-T Data Center

        Objective 3.2.1 - Map Business Requirements to the Logical Design

        Objective 3.2.2 - Map NSX-T Data Center Solution Dependencies

        Objective 3.2.3 - Analyze Availability Requirements

        Objective 3.2.4 - Analyze Manageability Requirements

        Objective 3.2.5 - Analyze Performance Requirements

        Objective 3.2.6 - Analyze Recoverability Requirements

        Objective 3.2.7 - Analyze Security Requirements

        Objective 3.2.8 - Analyze Scalability Requirements

    Objective 3.3 - Create a Physical Design for NSX-T Data Center

        Objective 3.3.1 - Create a Physical Design for NSX-T Data Center Compute

        Objective 3.3.2 - Create a Physical Design for NSX-T Data Center Storage

        Objective 3.3.3 - Create a Physical Design for NSX-T Data Center Networking

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

Section 5 – Performance-tuning, Optimization, Upgrades - There are no testable objectives for this section

Section 6 – Troubleshooting and Repairing - There are no testable objectives for this section

Section 7 – Administrative and Operational Tasks - There are no testable objectives for this section

Recommended Courses

VMware NSX-T Data Center: Design [V3.0]

References

http://www.vmware.com - [Section and Objective Topics]
http://kb.vmware.com - [Section and Objective Topics]
https://blogs.vmware.com - [Section and Objective Topics]
https://docs.vmware.com - [Section and Objective Topics]
https://pubs.vmware.com – [Section and Objective Topics]
https://www.vmware.com/techpapers.html – [Section and Objective Topics]

vmware®

Exam Content Contributors

Abdullah Abdullah
Adam Bluhm
Arantxa Duque Barrachina
Chand Basha Shaik
Christian Parker
Frank Escaros-Bueschsel
Iwan Hoogerdoorm
Jens Henning
Jon Kruger
Karel Novak
Marco van Baggum
Matt Williams
Mike Brown
Nicola Marco Decandia
Patrick Kremer
Raymundo Escobar
Rick Watson
Tim Burkard
Yves Sandfort