vmware

Exam Preparation Guide
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Minimally Qualified Candidate

The Minimally Qualified Candidate (MQC) is a conceptualization of the certification candidate that possesses the minimum knowledge, skills, experience, and competence to just meet our expectations of a credentialed individual.

The MQC achieving the VMware Validated Designs (VVD) for Software Defined Data Center (SDDC) 2017 badge is a technical expert that understands the VVD Design Decisions and can successfully deploy and configure the SDDC components to support multiple use cases. The MQC understands virtualization concepts and core vSphere features such as virtual distributed switches, vSphere DRS, availability zones, vMotion and vCenter clusters. The MQC understands underlying networking technologies including switching, routing, VLANs, and multicast and the fundamental management technologies including vRealize Automation, vRealize Orchestrator, and vRealize Operations Manager.

Examples of roles include, but are not limited to:
- Customer or Partner Cloud Architect
- Customer or Partner Enterprise Architect
- Customer or Partner Cloud Engineer
- VMware PS Consultant
- VMware TAM
- VMware SE

Exam Sections

Section 1- Site Preparation

Section 2 – Physical Layer

Section 3 – Virtualization Layer

      Objective 3.1 – vSphere

      Objective 3.2 – NSX

      Objective 3.3 – Storage

Section 4 – Cloud Management layer

      Objective 4.1 – vRealize Automation

      Objective 4.2 – vRealize Orchestrator

      Objective 4.3 – vRealize Business

Section 5 – Operations Layer

Objective 5.1 – vRealize Operations

Objective 5.2 – vRealize Log Insight

Objective 5.3 – SRM/vSphere Replication/VDP

Section 6 – Operations (Day 2)

Sample Exam Questions

Sample Question 1

When deploying the management pod, how many VLANs are required to deliver all the functionality of the VMware Validated Design?

A. 4
B. 12
C. 6
D. 9

Sample Question 2

What are the three qualities of an availability zone? (Choose three.)

A. Isolation from other availability zones
B. Network isolation between applications
C. Provide continuous availability through redundancy
D. Physically distinct, independent infrastructure
E. Provide storage tier capabilities

Sample Question 3

In a dual-region implementation, how many NSX Manager instances are required?

A. Four primary
B. Two primary and two secondary
C. Four primary and two secondary
D. Two primary and one secondary

Sample Question 4

Which three databases are required as part of the vRealize Automation implementation of the VMware Validated Design? (Choose three.)

A. Oracle
B. Microsoft SQL for vRealize Automation IaaS
C. MySQL
D. Embedded PostgreSQL for vRealize Automation appliances
E. Microsoft SQL for vRealize Orchestrator

Sample Question 5

How many nodes are initially deployed in the vRealize Operations Manager analytics cluster?

A. One master, one master replica, one data node
B. One master, one master replica, two data nodes
C. One master, one master replica
D. One master, two data nodes

Sample Question 6

What is the first step in the NSX validation sequence as specified in the VMWare Validated Design Operational Verification Guide?

A. Verify the status of NSX Controller instances and host components.
B. Verify the status of the NSX Edge Devices for North-South Routing.
C. Verify the version, service status and configuration of the NSX Manager Appliances.
D. Verify the status of the NSX Load Balancer.

Answer Key: 1-D; 2-A, C and D; 3-B; 4-B, D and E; 5-A; 6-C

References

VMware Validated Design for Software-Defined Data Center

VMware Validated Design for Software-Defined Data Center 4.0 Release Notes

https://communities.vmware.com/docs/DOC-34171

Exam Content Contributors:

George L. Lotridge
Joshua Lory
Gary Blake
William Lam
Nick Marshall
Girish Manmadkar