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Exam   :   **2V0-13.25**

Title   :   VMware Cloud Foundation
                9.0 Architect

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VMware 2V0-13.25 Exam Syllabus Topics:

Topic	Details
Topic 1	• Install, Configure, Administrate the VMware Solution: This section of the exam is relevant to System Administrators. Although it has no directly testable objectives, it underlines the expectation that candidates are familiar with installation, configuration, and administration tasks that form the foundation for VMware Cloud Foundation solutions.

Topic 2	• Troubleshoot and Optimize the VMware Solution: This section of the exam measures the skills of Operations Engineers. There are no explicitly testable objectives provided in this domain, but candidates are expected to understand troubleshooting and optimization principles to maintain the VMware environment effectively in real-world deployments.
Topic 3	• VMware Products and Solutions: This section of the exam evaluates the knowledge of VMware Solution Specialists and focuses on VMware Cloud Foundation (VCF). Candidates must be able to identify and differentiate between various VCF architecture options in given scenarios. The emphasis is on understanding the key products and how they integrate into enterprise design choices.
Topic 4	• Plan and Design the VMware Solution: This section measures the skills of Cloud Infrastructure Designers. It focuses on gathering and analyzing business requirements and then transforming them into conceptual, logical, and physical models of VMware Cloud Foundation. Candidates are expected to identify prerequisites and make design decisions across fleet topologies, networking, management domains, workload domains, automation, and operations. The section also includes designing for availability within and across zones, creating strategies for manageability such as lifecycle, scalability, and capacity, and ensuring performance and recoverability through BCDR strategies. Additional emphasis is given to designing secure environments, workload migration strategies, and creating consumption, automation, and monitoring strategies to support modern applications and governance.
Topic 5	• IT Architectures, Technologies, Standards: This section of the exam measures the skills of IT Architects and covers the ability to distinguish business requirements from technical ones. It expects candidates to understand the differences between conceptual, logical, and physical designs while also differentiating requirements, assumptions, constraints, and risks. Core concepts of availability, manageability, performance, recoverability, and security (AMPRS) are tested. Learners also need to document risk mitigation strategies, design decisions, and create a validation strategy that ties requirements to practical implementation.

>> 2V0-13.25 New Test Materials <<

2V0-13.25 - VMware Cloud Foundation 9.0 Architect Fantastic New Test Materials

The Certified Production and 2V0-13.25 certification is a valuable credential earned by individuals to validate their skills and competence to perform certain job tasks. Your VMware Cloud Foundation 9.0 Architect 2V0-13.25 Certification is usually displayed as proof that you've been trained, educated, and prepared to meet the specific requirement for your professional role.

VMware Cloud Foundation 9.0 Architect Sample Questions (Q29-Q34):

NEW QUESTION # 29
Which Broadcom solutions optimize storage performance in VMware Cloud Foundation environments?

- A. Broadcom NVMe SSDs
- B. Broadcom RAID controllers
- C. Broadcom Fibre Channel HBAs
- D. Broadcom Ethernet adapters

Answer: A,B

Explanation:
Broadcom NVMe SSDs and RAID controllers help optimize storage performance in VMware Cloud Foundation environments.

NEW QUESTION # 30
Which of the following are Broadcom solutions that optimize networking for VMware Cloud Foundation?

- A. Broadcom Fibre Channel HBAs

- B. Broadcom RAID controllers
- C. Broadcom Ethernet adapters
- D. Broadcom NVMe SSDs

Answer: A,C

Explanation:
Broadcom Ethernet adapters and Fibre Channel HBAs optimize networking for VMware Cloud Foundation environments.

NEW QUESTION # 31

A customer defined a requirement for the newly deployed SDDC infrastructure which will host one of the applications responsible for video streaming. Application will run as part of a VI Workload Domain with dedicated NSX instance and virtual machines. Required network throughput was defined as 250 Gb/s. Additionally, the application should provide the lowest possible latency. Which design decision should be recommended by an architect for the NSX Edge deployment?

- A. Deploy 2 large NSX Edges using SDDC Manager.
- B. Deploy 2 NSX Edges using NSX console and add to Edge cluster created in SDDC Manager.
- C. Deploy 4 extra large edges using vCenter Server console.
- D. Deploy NSX bare-metal Edges and create Edge Cluster using NSX console.

Answer: D

Explanation:
For 250 Gb/s throughput and low latency in a VI Workload Domain, NSX Edges must handle high-performance traffic.
Option C, "Deploy NSX bare-metal Edges and create Edge Cluster using NSX console," is optimal: bare-metal Edges in NSX-T 3.2 (VCF 5.2) support up to 100 Gb/s per node, and clustering multiple nodes achieves 250 Gb/s with minimal latency due to direct hardware access, ideal for video streaming.
Option A (2 VM Edges) and D (2 large VM Edges) cap at ~20 Gb/s per node, insufficient for 250 Gb/s.
Option B (4 extra-large VM Edges) improves throughput but increases latency via virtualization overhead. Bare-metal is the verified high-performance choice.
Reference: NSX-T 3.2 Reference Design Guide, Edge Node Performance; VMware Cloud Foundation 5.2 Networking Guide, NSX Edge Deployment Options.

NEW QUESTION # 32

An architect is preparing a VI Workload Domain design with a dedicated NSX instance. The workload domain is planned to grow up to 300 ESXi hosts within the next six months.
Which is the minimum NSX Manager form factor that should be recommended by the architect for this VI Workload Domain to support the forecasted growth?

- A. Large
- B. Small
- C. Extra Small
- D. Medium

Answer: A

Explanation:
NSX Manager in VCF 5.2 comes in form factors (Small, Medium, Large) with capacity limits based on managed objects (hosts, VMs, etc.). A VI Workload Domain with a dedicated NSX instance growing to 300 ESXi hosts requires a form factor supporting this scale. Per NSX-T 3.2 sizing guidelines (used in VCF 5.2), the Large form factor supports up to 1,024 hosts, 12,000 VMs, and extensive networking objects, making it suitable for 300 hosts and future growth. Medium supports up to 256 hosts, which is close but risks being exceeded with additional VMs or objects. Small (64 hosts) and Extra Small (lab use) are insufficient. The architect must recommend "Large" (A) to ensure scalability and performance for this VI domain.
Reference: NSX-T 3.2 Reference Design Guide (VCF 5.2 compatible), Section on NSX Manager Sizing; VMware Cloud Foundation 5.2 Deployment Guide, Workload Domain Sizing.

NEW QUESTION # 33

What is the key consideration when selecting Broadcom hardware for a VMware environment requiring low-latency networking?

- A. Broadcom RAID Controller
- B. Broadcom 10GbE Ethernet Adapter
- C. Broadcom NVMe SSD
- D. Broadcom 25GbE Ethernet Adapter

Answer: D

Explanation:
The Broadcom 25GbE Ethernet Adapter is critical for achieving low-latency networking in a VMware environment.

NEW QUESTION # 34
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