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QUESTIONS & ANSWERS
DEMO VERSION
(LIMITED CONTENT)

Question 1

Question Type: MultipleChoice

In which order does a VI Workload Domain with Workload Management enabled need to be upgraded?

Options:

- A- 1. NSX
- 2. vCenter Server
- 3. Workload Management
- 4. ESXi
- B- 1. ESXi
- 2. NSX
- 3. vCenter Server
- 4. Workload Management
- C- 1. Workload Management
- 2. vCenter Server
- 3. ESXi
- 4. NSX
- D- 1. NSX
- 2. vCenter Server
- 3. ESXi
- 4. Workload Management

Answer:

D

Explanation:

When upgrading a VI Workload Domain with Workload Management enabled in VMware Cloud Foundation, the correct sequence is essential to maintain compatibility and stability. The upgrade process should start with NSX, as it provides the foundational networking services required for both vCenter and workload management components. vCenter Server is upgraded next, followed by ESXi hosts to ensure compatibility with the updated vCenter version. Finally, Workload Management is upgraded last, as it relies on the updated versions of NSX, vCenter Server, and ESXi to function correctly.

Question 2

Question Type: MultipleChoice

A company's vSphere administrator is assigned a password rotation task for the company's VMware Cloud Foundation (VCF) environment.

For which three VCF components are passwords being managed by SDDC Manager? (Choose three.)

Options:

- A- VMware Aria Operations
- B- SDDC Manager backup user
- C- SDDC Manager view user
- D- NSX Manager
- E- vCenter Server Appliance
- F- [Cloud Builder Appliance

Answer:

B, D, E

Explanation:

In VMware Cloud Foundation (VCF), SDDC Manager manages password rotation for several critical components to maintain security across the environment:

1. SDDC Manager backup user: SDDC Manager handles password management for internal accounts, including backup users, which are essential for system maintenance and recovery.
2. NSX Manager: SDDC Manager manages password rotation for NSX Manager, ensuring secure network management within the VCF environment.
3. vCenter Server Appliance: Passwords for the vCenter Server Appliance are also managed by SDDC Manager to secure the primary virtualization management interface.

Question 3

Question Type: MultipleChoice

A VMware Cloud Foundation (VCF) administrator deployed a VI Workload Domain for the purpose of a required vSphere with Tanzu environment. When deploying the NSX Edge cluster, the administrator needs to select an NSX Edge VM form factor.

Which is the minimal NSX Edge VM form factor that the VCF administrator should select?

Options:

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

Answer:

A

Explanation:

For deploying vSphere with Tanzu in a VMware Cloud Foundation (VCF) environment, the minimal supported NSX Edge VM form factor is Medium. This form factor provides the necessary resources and performance to support Tanzu Kubernetes Grid workloads, which require sufficient network and routing capabilities provided by NSX-T. The Medium form factor meets the baseline requirements for a production-ready vSphere with Tanzu environment.

Question 4

Question Type: MultipleChoice

A large research facility has implemented VMware Cloud Foundation (VCF) in their environment. For their R&D VI Workload Domain to host their Virtual Machines, they use DHCP for their NSX Host Overlay Network TEPs, a dedicated vSAN Storage Policy for the cluster, and vSphere Lifecycle Manager images. For better resiliency, the administrator wants to stretch the cluster.

What will stop the administrator from creating a stretched cluster?

Options:

- A- The cluster is enabled for Workload Management.
- B- The cluster uses dedicated vSAN Storage Policy.
- C- The cluster uses vSphere Lifecycle Manager images.
- D- The cluster uses DHCP for the NSX Host Overlay Network TEPs.

Answer:

Explanation:

In a VMware Cloud Foundation (VCF) environment, creating a stretched cluster requires specific configurations for the NSX Host Overlay Network Tunnel Endpoints (TEPs). For stretched clusters, static IP addresses are required for the TEPs to ensure stable, predictable network connectivity across sites. Since this cluster uses DHCP for the NSX Host Overlay Network TEPs, it does not meet the requirements for a stretched cluster configuration.

Question 5

Question Type: MultipleChoice

An administrator needs to deploy a new VMware Cloud Foundation (VCF) environment. Due to the lack of physical space within the co-located data center, the administrator is looking to deploy VCF with the minimum amount of hardware needed to start migrating workloads and then plans to scale out the environment at a later date.

Which type of Workload Domain must the administrator deploy first to support the requirement?

Options:

- A- Management Domain
- B- Consolidated Domain
- C- Virtual Infrastructure Workload Domain
- D- Isolated Virtual Infrastructure Workload Domain

Answer:

B

Explanation:

For environments with limited physical hardware, deploying VMware Cloud Foundation (VCF) using a Consolidated Domain is the best option. In a Consolidated Domain, the Management Domain and Workload Domain functionalities are combined into a single domain, allowing VCF to operate with a minimal hardware footprint. This setup enables administrators to begin migrating workloads immediately and provides flexibility to later expand by adding dedicated workload domains as the environment grows.

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