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VMware Cloud Foundation Specialist

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QUESTION 1

A new security vulnerability has been identified in SSL. The VMware vCenter appliances in the company's latest VMware Cloud Foundation environment have been found to be impacted. VMware has released an updated ISO and upgrade bundle.

Which method should the administrator use to remediate this security vulnerability?

- A. Use NSX-T Distributed Firewall to block all incoming traffic until the patch is applied.
- B. Update VMware Cloud Foundation to a release containing the patch.
- C. Use VMware Update Manager to apply the update.
- D. Use VMware Lifecycle Manager to apply the update.

Correct Answer: C

QUESTION 2

An administrator is deploying a workload domain that is composed of three clusters with 32 hosts each.

What is the minimum NSX-T Manager form factor that must be deployed in the VMware Cloud Foundation management domain?

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

Correct Answer: C

QUESTION 3

An administrator is tasked with deploying a new workload domain into an existing VMware Cloud Foundation environment. Which two storage types are supported? (Choose two.)

- A. NFS v2
- B. VMFS on iSCSI
- C. vSAN
- D. SMB3.0
- E. VMFS on FC



Correct Answer: BD

QUESTION 4

An administrator has deleted an NSX manager application from the management domain by accident and now needs to restore the NSX Manager application as soon as possible.

Which three steps are necessary to accomplish this goal? (Choose three)

- A. Refresh the SSH Keys that are stored in the SDDC Manager inventory
- B. Deploy a new NSX Manager appliance.
- C. Restore a known good configuration.
- D. Download and decrypt the encrypted backup file from the SF IP server
- E. Create a JSON file containing the NSX Manager configuration, and insert an API access token
- F. Configure the new NSX Manager appliance with SFTP server settings.

Correct Answer: CDE

QUESTION 5

A customer is planning to upgrade NSX r in a VMware Cloud Foundation consolidated deployment to unlock new features. Which factor must be considered during this planning phase?

- A. NSX-T Manager must be converged to standalone before the upgrade.
- B. NSX-T follows the Management Domain upgrade Bill of Material.
- C. SDDC Manager, vCenter Server and PSCs must be upgraded first.
- D. NSX-T upgrades can be performed separately from the VI Domain

Correct Answer: A

QUESTION 6

An administrator creates network pools in preparation for the workload domain. Which two values must be defined in the network pool configuration? (Choose two)

- A. MTU
- B. NTP
- C. VLAN ID
- D. DNS



E. PTP

Correct Answer: AC

QUESTION 7

Which use case is valid for a Stretch Cluster design in a VMware Cloud Foundation Workload Domain?

- A. Application Modernization
- B. Manual Workload Recovery
- C. Hybrid Cloud Management
- D. Planned Maintenance

Correct Answer: D

QUESTION 8

An Architect is commission hosts with a Multi-NIC configuration where Management and vMotion traffic are assigned to a vSphere Distributed Switch with 2 uplinks.

What is one advantage to using VLAN-banked traffic to the physical switches from the vSphere Distributed Switch?

- A. Layer 2 hashed-based Equal Cost Muto-Pathing (ECMP) out of hypervisor
- B. Bandwidth in the rack is optimized (no inter-switch-link)
- C. Two physical NICs of the hypervisor are actively used
- D. More complex to implement

Correct Answer: A

QUESTION 9

An architect is tasked with designing a new VMware Cloud Foundation environment. The company will purchase vSAN Ready Nodes for the management cluster but wants to make use of existing investments where possible, including a significant investment made recently in an all-flash storage array and 16GB FC fabric. The design must include this array wherever possible.

The company wishes to reuse existing ToR switching that will provide four 10Gbps Ethernet connection to each host and one 1Gbps out of band connection. The network will be a standard spine and leaf topology with no layer-2 shared between racks of infrastructure. The ToR switches are each connected to 4 spine switches, with one 10Gbps connection. The clusters must be spread across at-least four racks to ensure maximum resiliency.

Which two constraints impact this design? (Choose two)

- A. The use of an existing storage array.



- B. VMFS does not support FC SAN with VMware Cloud Foundation
- C. More than one availability design is needed.
- D. The management domain must be contained within one rack.
- E. A spine and leaf topology is used.

Correct Answer: AD

QUESTION 10

What is the maximum recommended MTU value for all non-management VLANs within VMware Cloud Foundation?

- A. MTU 15000
- B. MTU 15000
- C. MTU 9000
- D. MTU 16000

Correct Answer: C

QUESTION 11

An administrator adds permissions to a namespace in vSphere with Tanzu.

Which prerequisite must be satisfied before a user or group can be assigned to a namespace?

- A. It must be assigned with Administrator role in vCenter Server
- B. It must be created in Kubernetes cluster.
- C. It must be a member of vSphere SSO identity source
- D. It must be assigned with Administrator role on SDDC Manager level.

Correct Answer: A

QUESTION 12

An administrator has been tasked with enabling north/south routing and the consumption of additional network services by deploying an NSX Edge Cluster into a VMware Cloud Foundation deployment. The following information is available:

1.

There is only one Workload Domain.

2.



The Workload domain contains two vSphere Clusters.

3.

One of the vSphere Clusters is a Stretched Cluster

4.

All hosts within the Workload Domain are identical.

5.

The physical network uses both the Border Gateway Protocol (BGP) and Bidirectional Forwarding Detection (BFD) protocol

Which statement is true when considering the deployment of an NSX Edge Cluster in this situation?

- A. The NSX Edge cluster cannot be deployed onto the Stretched Cluster.
- B. The Small form factor must be selected when deploying the NSX Edge cluster.
- C. The Default profile type must be selected when deploying the NSX Edge cluster.
- D. BDF must be selected when deploying the NSX Edge cluster.

Correct Answer: D

QUESTION 13

An architect has been tasked with designing a stretched workload domain between two sites in an active configuration due to number of recent failures in the company's infrastructure.

- A. vSAN Witness Appliance can be deployed in VMware Cloud on AWS
- B. The witness appliance should be running different version of fc:SVi as the ESXi hosts in the stretched cluster.
- C. Static routes on the vSAN Witness host must be configured to enable network communication for the vSAN kernel traffic.
- D. The management domain cluster must be stretched before stretching a cluster in a VI workload domain.
- E. First cluster only in every VI workload domain can be stretched.
- F. The vSAN Witness Appliance must be available on the same broadcast domain

Correct Answer: C

QUESTION 14

Which action must be performed to add a user to VMware Cloud foundation?

- A. integrate VMware Identity Manager with VMware Cloud Foundation and import user accounts



- B. Integrate VMware Cloud Foundation with Active Directory and import the account
- C. Any account in vCenter SSO automatically allows login to VMware Cloud Foundation
- D. Add the User or Group from the Administration dashboard in SDDC Manager

Correct Answer: C

QUESTION 15

An administrator did not deploy and configure Application Virtual Networks (AVN) during the initial VMware Cloud Foundation bring-up process. Which statement is correct?

- A. AVN disablement is not possible during the VMware Cloud Foundation bring up process
- B. Cloud Foundation bring-up will fail since AVN is required to properly configure Management Domain.
- C. AVN deployment is disabled by default and must be enabled right after the VMware Cloud Foundation bring up process
- D. vRealize Suite components must be deployed to VLAN-backed distributed port group.

Correct Answer: D

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