VMware Cloud Foundation Specialist (v2)

1. Which three components are required to deploy a stretched cluster in a VMware Cloud Foundation environment? (Choose three.)

- ☐ A. DHCP on the NSX Edge overlay network

- ☐ B. vSAN, host overlay and vMotion network stretched across both sites

- ☐ C. One witness host per site

- ☐ D. One witness host per vSAN stretched cluster

- ☐ E. vSAN, host overlay and vMotion network per data site

- ☐ F. DHCP on the host overlay network

Answer(s): D E F

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2. Which two options can be used to create a new VMware Cloud Foundation VI workload domain? (Choose two.)

- ☐ A. REST API

- ☐ B. SDDC Manager UI

- ☐ C. Cloud Builder UI

- ☐ D. PowerCLI

- ☐ E. vCenter UI

Answer(s): A B

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3. An administrator wants to scale an existing VMware Cloud Foundation (VCF) environment by adding a new VI Workload Domain.
Which two storage options can be used for the new VI Workload Domain? (Choose two.)

- ☐ A. iSCSI principal storage with SMB supplemental storage

- ☐ B. vSAN principal storage with SMB supplemental storage

- ☐ C. vSAN principal storage with VMFS on FC supplemental storage

- ☐ D. vSAN principal storage with NFS supplemental storage

- ☐ E. vVOL principal storage with SCSI supplemental storage

Answer(s): C D

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4. Which two features are supported when implementing NSX Federation? (Choose two.)

- ☐ A. NAT operations

- ☐ B. Identity Firewall

- ☐ C. DHCP dynamic binding

- ☐ D. Load Balancer

- ☐ E. DHCP

Answer(s): A E

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5. A systems administrator wants to integrate Microsoft Certificate Authority with SDDC Manager and has already established a connection between the components.
Which pre-requisite step is required for this integration to work?

A. Verify that the Microsoft Certificate Authority Server has the RBAC roles configured on the same machine where the Certificate Authority role is installed.

B. Verify that the Microsoft Certificate Authority Server has been configured for basic authentication.

C. Verify that a customized certificate template has been configured on the SDDC Manager.

D. Verify that the self-signed certificates have been replaced with signed certificates from Microsoft Certificate Authority.

Answer(s): B

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6. Which two roles are played by a Spherelet in a Tanzu-enabled VCF workload domain? (Choose two.)

A. It starts and monitors vSphere pods running on the workload domain cluster.

B. It communicates with the vSphere with Tanzu embedded Harbor registry.

C. It runs as a VIB on all Supervisor Cluster ESXi hosts configured with the vSphere Networking Stack.

D. It enables an ESXi hypervisor to act as a Kubernetes master node.

E. It enables an ESXi hypervisor to act as a Kubernetes worker node.

Answer(s): A E

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7. A systems administrator is tasked with creating a new VI workload domain that will leverage either an external NFS or a VMFS on FC storage as the principal storage.
Which action is required to fulfill this requirement?

A. Create a new network pool for vMotion and NFS networks.

B. Create a new network pool for vMotion, vSAN, and NFS networks.

C. Create a new network pool only for vMotion network.

D. Create a new network pool for vMotion and vSAN networks.

Answer(s): A

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8. An architect is presented with a Bill of Material for different vSAN ready nodes:
-8 identical nodes with 1 vSAN disk group
-8 identical nodes with 2 vSAN disk groups
What is the ideal design of VMware Cloud Foundation domains that the architect should recommend?

A. 1 Management Domain of 6 Nodes, 1 Workload Domain of 4 nodes, and 1 Workload Domain of 6 nodes

B. 1 Management Domain of 6 nodes and 1 Workload Domain of 10 nodes

C. 1 Domain of 16 nodes deployed on a Consolidated Architecture model

D. 1 Management Domain of 4 nodes, 1 Workload Domain of 4 nodes, and 1 Workload Domain of 8 nodes

Answer(s): D

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9. Which order of steps should an administrator use to replace a failed host in a stretched cluster?

A. 1.Decommission the failed host.2. Remove the host using cluster APIs.3. Add the newly commissioned host to the cluster using cluster APIs.4. Commission the new host with the correct network.

B. 1. Decommission the failed host.2. Remove the host using cluster APIs.3. Commission the new host with the correct network.4. Add the newly commissioned host to the cluster using cluster APIs.

C. 1. Remove the host using cluster APIs.2. Decommission the failed host.3. Commission the new host with the correct network.4. Add the newly commissioned host to the cluster using cluster APIs.

D. 1. Remove the host using cluster APIs.2. Decommission the failed host.3. Add the newly commissioned host to the cluster using cluster APIs.4. Commission the new host with the correct network.

Answer(s): C

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10. Which two steps must be performed to create a vSphere with Tanzu namespace? (Choose two.)

☐ A. Deploy a vSphere Cluster

☐ B. Enable Harbor Image Registry

☐ C. Use a DNS-compliant name

☐ D. Assign permissions

☐ E. Define resource limits

Answer(s): C D

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11. Which two configuration steps must a VMware Cloud Foundation administrator apply to achieve north/south connectivity while setting up an edge VM node for a workload domain from the SDDC Manager user interface? (Choose two.)

☐ A. ToR Switches VRFs

☐ B. vSphere VDS Uplinks

☐ C. NSX VDS Uplinks

☐ D. OSPF Configuration

Answer(s): B E

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12. An architect is tasked with deploying a new VI Workload Domain cluster to support the HR system.
The default storage policy must satisfy the following requirements:
-Support two host failures
-Use the least amount of hosts
-Maximize user capacity
Which configuration will satisfy these requirements?

A. 5 Hosts, FFT=2, RAID 5/6

B. 4 Hosts, FTT=2, RAID 1

C. 4 Hosts, FFT=2, RAID 5/6

D. 5 Hosts, FFT=2, RAID 1

Answer(s): D

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13. Which two health checks can be performed using the SoS tool? (Choose two.)

A. --system-check

B. --esxi-health

C. --health-check

D. --credential-health

E. --password-heath

Answer(s): C E

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14. What is required as part of enabling the Harbor Image Registry?

A. Access Control

B. Tanzu Enabled Cluster

C. Resource Limits

D. Storage Policy

Answer(s): B

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15. Which two functionalities does a NSX Tier-0 Gateway provide to a vSphere with Tanzu deployment? (Choose two.)

A. Connectivity to physical networks and routers

B. Downlink Connections to Segments

C. Layer 2 Switching

D. Gateway for Segments

E. Connectivity to all Tier-1 Gateways

Answer(s): A E

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16. A VCF administrator is preparing to configure scheduled backups for the SDDC Manager. What must the administrator register as an external component to complete this task?

A. NFS server

B. SMB server

C. iSCSI server

D. SFTP server

Answer(s): D

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17. An architect needs to enable the workload management for a VCF VI workload domain and plans on using the minimum requirement for deploying a highly available NSX edge cluster. What is the minimum requirement for this deployment?

A. A cluster of two small NSX edge nodes

B. A cluster of three large NSX edge node

C. A cluster of two large NSX edge nodes

D. A cluster of one large NSX edge node

Answer(s): C

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18. Which three options are valid use cases for multiple clusters in a workload domain? (Choose three.)

☐ A. One stretched cluster across two regions and two workload domains

☐ B. Two clusters forming one stretched workload domain

☐ C. One cluster stretching two workload domains

☐ D. One cluster distributed across two racks and one workload domain

☐ E. Workload domain with multiple availability zones each containing clusters

Answer(s): D E F

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19. An administrator is tasked with providing additional North-South throughput to the workloads hosted on overlay-backed networks in a VI Workload Domain stretched cluster. A two-node NSX Edge cluster was previously deployed through SDDC Manager before the cluster was stretched. Which option is valid to add two nodes to the existing edge cluster while maintaining password rotation capability?

A. Create a new NSX Edge cluster using SDDC Manager on the same stretched Workload Domain cluster.

B. Expand the existing NSX Edge cluster using SDDC Manager, and place the additional NSX Edge nodes on the same stretched Workload Domain cluster.

C. Expand the existing NSX Edge cluster using SDDC Manager, and place the additional NSX Edge nodes on a different stretched Workload Domain cluster.

D. Expand the existing NSX Edge cluster using NSX Manager, and import the additional nodes in SDDC Manager.

Answer(s): B

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20. An administrator needs additional capacity on a vSAN cluster. Each host currently has only one disk group. Which two approaches can be used to expand storage capacity in this situation? (Choose two.)

☐ A. Add an additional disk group.

☐ B. Increase the number of cache disks in the existing disk group.

☐ C. Increase the number of capacity disks in the existing disk group.

☐ D. Disable compression.

☐ E. Disable deduplication

Answer(s): A C