**Vendor:** VMware

**Exam Code:** 5V0-32.22

**Exam Name:** VMware Cloud Foundation Specialist (v2)

**Version:** DEMO

**QUESTION 1**
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:** D
**Explanation:**
https://docs.vmware.com/en/VMware-Cloud-Foundation/4.4/vcf-admin/GUID-DECA3717-A633-45B7-BB62-827509579FEA.html

**QUESTION 2**
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:** C
**Explanation:**
https://docs.vmware.com/en/VMware-NSX-T-Data-Center/3.1/installation/GUID-22F87CA8-01A9-4F2E-B7DB-9350CA60EA4E.html

**QUESTION 3**
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
F. Workload domain with multiple clusters in one rack

**Answer:** BEF
**Explanation:**
https://docs.vmware.com/en/VMware-Validated-Design/5.1/sddc-architecture-and-design/GUID-B957A22C-C1A4-46EA-967D-EC5F4A3DF84F.html

**QUESTION 4**
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:** B
**Explanation:**
https://docs.vmware.com/en/VMware-Cloud-Foundation/4.3/vcf-admin/GUID-ED90A614-B670-4E1C-9143-82896F147F74.html

**QUESTION 5**
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:** AC

**QUESTION 6**
What limits can an administrator configure on a vSphere Namespace for a VMware Cloud Foundation Developer-Ready Workload Domain?

A. Secrets
B. Tanzu Kubernetes Cluster worker nodes
C. Tanzu Kubernetes Cluster master nodes
D. Persistent Volumes

**Answer:** A
**Explanation:**
https://docs.vmware.com/en/VMware-vSphere/7.0/vmware-vsphere-with-tanzu/GUID-1238AFD8-232C-4EFC-BD54-796CB9F8C45F.html

**QUESTION 7**
A systems administrator is implementing stretched clusters in an environment with multiple Availability Zones (AZs).
Which statement accurately describes this design?

A. The Layer 3 gateway for the workload domain and Edge overlay networks must be highly available across the AZs.
B. Layer 3 networks must be stretched between the AZs by the physical infrastructure.

C. If VLAN is stretched between AZ1 and AZ2, the Layer 3 network must also be stretched between the two AZs.
D. For VLANs that are stretched between AZs, configure load balancing in the Layer 3 gateway between AZs.

**Answer:** C
**Explanation:**
https://docs.vmware.com/en/VMware-Cloud-Foundation/5.0/vcf-admin/GUID-A56D8E59-A549-4624-BC61-4A92710F9FA1.html


**QUESTION 8**
Which license is required to enable Workload Management on VMware Cloud Foundation?

A. VMware Tanzu Basic
B. VMware vSphere Enterprise Plus
C. VMware vSphere Evaluation
D. VMware vSphere Standard

**Answer:** A
**Explanation:**
https://docs.vmware.com/en/VMware-Cloud-Foundation/4.5/vcf-admin/GUID-E8D0A432-8573-4DF5-9330-A4FE15F74128.html


**QUESTION 9**
A systems administrator needs to apply a custom ESXi image to a host using VMware Imaging Appliance (VIA).
Which statement is correct when preparing a host for imaging?

A. VIA service does not support UEFI boot mode.
B. PXE Boot must be configured as the second boot option.
C. Onboard NICs should be enabled on the server.
D. VMware Cloud Builder appliance must be deployed in a tagged VLAN/Network.

**Answer:** A


**QUESTION 10**
An administrator is planning to deploy an edge cluster in a VMware Cloud Foundation environment.
Which three NSX components are automated during this deployment? (Choose three.)

A. Tier-0 VRF gateway configuration
B. Edge VM deployment
C. Segments for VM workloads
D. Edge Uplink Profile configuration
E. Tier-0 and Tier-1 gateway configuration
F. Transport Node Profile configuration

**Answer:** BDE

**QUESTION 11**
What is a supported function of the vSphere Lifecycle Manager (LCM) in VMware Cloud
Foundation (VCF)?

A. Upgrade SDDC Manager
B. Downgrade VM hardware version
C. Check hardware compatibility of hosts and clusters
D. Upgrade vCenter Server

**Answer:** C
**Explanation:**
https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-lifecycle-manager/GUID-8883AEB4-
F740-4B6B-8A44-55AA999B4089.html

**QUESTION 12**
A VCF architect collected the following requirements when designing the expansion of a new VI
Workload Domain with twenty-four vSAN Ready nodes, each with a dual-port 25Gbps network
interface card:

```
- Provide scalable high-performance networking with layer-3 termination
at top-of-rack
- Protect workloads from switch/NIC/rack failure
- Provide isolation for DMZ workloads
- Provide at-least 25Gbps dedicated bandwidth to backup traffic
- Easily accept workloads on traditional VLAN-backed networks
- Fully-supported by VMware
```

Which three design considerations meet all of these requirements? (Choose three.)

A. Core Aggregation network topology
B. Spine and Leaf network topology with layer-3 at top of rack
C. Two-node Edge Cluster with ECMP
D. Stretched Clustering
E. Spine and Leaf network topology with layer-3 at Spine
F. Two-node Edge Cluster with BFD

**Answer:** BCF

**QUESTION 13**
What is a valid procedure to replace an expired vSAN license in a VMware Cloud Foundation
environment?

A. 1. Add a new vSAN license to the SDDC Manager and vCenter Server.
    2. Reassign the vSAN license to the cluster in the vCenter Server.
    3. Remove the expired vSAN license from the SDDC Manager and vCenter Server.
B. 1. Add a new vSAN license to the vCenter Server.
    2. Connect to SDDC Manager via SSH, and then restart Lifecycle Management using systemctl
    restart lcm.
    3. Verify in the vCenter Server whether a new vSAN license has been assigned to the cluster.
C. 1. Add a new vSAN license to the SDDC Manager.
    2. Connect to SDDC Manager via SSH, and then restart Domain Manager using systemctl restart
    domainmanager.

3. Verify in the SDDC Manager whether a new vSAN license has been assigned to the cluster.
D. 1. Add a new vSAN license to the SDDC Manager.
2. Reassign the vSAN license to the cluster in the SDDC Manager.
3. Remove the expired vSAN license from the SDDC Manager.

**Answer:** A
**Explanation:**
https://my-cloudy-world.com/2022/06/28/updating-a-vsan-license-in-vmware-cloud-foundation/

**QUESTION 14**
What is a characteristic about the Credentials Worksheet in the Deployment Parameter
Workbook?

A. Passwords can be different per user.
B. Passwords can be common only for appliance users.
C. Passwords must be different per user.
D. Passwords must be common across all users.

**Answer:** A
**Explanation:**
https://docs.vmware.com/en/VMware-Cloud-Foundation/4.5/vcf-deploy/GUID-7249C28F-05CA-4FE7-B192-BD1BAC726DDF.html

**QUESTION 15**
The vSAN Witness appliance for a VMware Cloud Foundation stretched vSAN cluster stopped
working. The administrator needs to roll out a new appliance to replace the old one.
Which tool should the administrator use to perform this task?

A. vSphere Update Manager
B. SDDC Manager
C. vSphere Client
D. vSAN PowerCLI

**Answer:** C
**Explanation:**
https://docs.vmware.com/en/VMware-Cloud-Foundation/5.0/vcf-admin/GUID-C09F1DFC-15BF-4F72-83CF-EC564874C955.html

**QUESTION 16**
During the design phase for a greenfield VMware Cloud Foundation (VCF) deployment, the
following design decisions have been agreed upon:

```
- Stretched Cluster needs to be deployed
- Identity and Access Management for VMware Cloud Foundation needs to
be deployed
```

The Infrastructure Architect is working with the client to fill the Planning and Preparation
Workbook.
The Option for Stretched Cluster has been set to 'Include'. The 'Identity and Access Management'
is displaying an error, and its Final Result is stating 'Excluded'.
Which option should be enabled in the Planning and Preparation Workbook to address the issue?

A. Apply Signed Certificates
B. Consolidated Management Domain
C. Clustered Workspace One Access
D. NSX Routing for Management Domain

**Answer:** D
**Explanation:**
If the feature "NSX Routing for Management Domain" is not included. Then the features under the section VMware Aria Suite Lifecycle management and VCF Aware Workspace One Access will get an error.

**QUESTION 17**
An architect needs to create a VMware Cloud Foundation (VCF) VI Workload Domain design with these requirements:
Design blueprint needs to be repeatable for additional regions

- Multiple availability zones
- Seven nodes per availability zone to host the workloads
- vSAN storage will be used

What is the maximum accepted latency supported by vSAN between the two availability zones?

A. 5 ms
B. 10 ms
C. 100 ms
D. 150 ms

**Answer:** A
**Explanation:**
The physical distance between availability zones is short enough to offer low, single-digit latency (less than 5 ms) and large bandwidth (10 Gbps) between the zones.

**QUESTION 18**
Which two requirements are needed to add new hosts to an existing VI workload in a VMware Cloud Foundation environment? (Choose two.)

A. The host uses only the VLAN network.
B. The host uses heterogenous hardware.
C. The host uses a minimum of four network ports.
D. The host uses the same storage type as the existing cluster hosts.
E. The host uses the same network pool.

**Answer:** DE
**Explanation:**
https://docs.vmware.com/en/VMware-Cloud-Foundation/5.0/vcf-admin/GUID-0948BE11-62E3-43A8-B995-6C0C76259D07.html

**QUESTION 19**
VCF design workshops were conducted, and the architect collected the following customer requirements for the newly planned VCF infrastructure:

- The new VCF infrastructure must target two zones: DEV/UAT and DMZ.
- The security team would like to have full management and network isolation between these two zones.
- 12 hosts have been ordered for the solution.
- DEV/UAT workloads must comply with an erasure coding vSAN storage policy with the ability to tolerate the failure of two hosts.

Which workload domain sizing will be required to achieve these requirements?

A. 12-hosts workload domain for both zones, having an 8-hosts DEV/UAT cluster, and a 4-hosts DMZ cluster
B. 8-hosts DEV/UAT workload domain, having a 4-hosts DEV cluster, and a 4-hosts UAT cluster, in addition to a 4-hosts DMZ workload domain, having a 4-hosts DMZ cluster
C. 8-hosts DEV/UAT workload domain, having an 8-hosts DEV/UAT cluster, and a 4-hosts DMZ workload domain, having a 4-hosts DMZ cluster
D. 12-hosts workload domain for both zones, having a 4-hosts DEV cluster, a 4-hosts UAT cluster, and a 4-hosts DMZ cluster

**Answer:** C
**Explanation:**
https://docs.vmware.com/en/VMware-Cloud-on-AWS/services/com.vmware.vsphere.vmc-aws-manage-data-center-vms.doc/GUID-EDBB551B-51B0-421B-9C44-6ECB66ED660B.html

**QUESTION 20**
An administrator successfully finished restoring a SDDC Manager and now needs to verify its operation.
Which tool should the administrator use for this verification?

A. Ruby vSphere Console VCF check tool
B. SDDC Manager GUI restore health tool
C. vRealize Operation plugin tool for VCF
D. Support and Serviceability (SoS) tool

**Answer:** D

**QUESTION 21**
A VMware Cloud Foundation administrator is required to enable Workload Management (vSphere with Tanzu) on an existing workload domain cluster, which is currently licensed with a vSphere Enterprise Plus license.
Which action, if any, is required to complete this task?

A. Add a license for vSphere with Tanzu with sufficient CPU capacity to both the SDDC Manager and vCenter Server, and then assign the license to the cluster in vCenter Server.
B. Add a license for vSphere with Tanzu with sufficient CPU capacity to the SDDC Manager inventory, and then assign the license to the cluster in SDDC Manager.
C. No action is required since the vSphere Enterprise Plus license supports vSphere with Tanzu.
D. No action is required since SDDC Manager licenses include an entitlement for vSphere with Tanzu.

**Answer:** A
**Explanation:**

If you want to replace an existing license with a newly added license, you must add and assign the new license in the management UI (for example, vSphere Client or NSX Manager) of the component whose license you are replacing.
https://docs.vmware.com/en/VMware-Cloud-Foundation/4.5/vcf-admin/GUID-FD3B1D45-AC70-45CC-A507-944D1A476EB9.html

**QUESTION 22**
During a VCF design workshop, the architect gathered the following customer requirements:

```
- There must be two environments: PROD and DEV.
- PROD and DEV should be administratively separated.
- PROD will use two different hardware server types, and DEV will only
use one hardware server type.
- The VCF infrastructure design should be flexible and scalable as much
as possible.
```

How many NSX local managers in total will be provisioned after deploying the full VCF infrastructure?

A. 9
B. 6
C. 3
D. 12

**Answer:** A
**Explanation:**
Since it states "should be administratively separated" there should be 3 NSX Manager clusters (one for the VCF's Management Domain, one for the PROD VI Workload Domain, one for the DEV VI Workload Domain). Remember each NSX Manager cluster contains 3 NSX Managers.

**QUESTION 23**
An administrator is tasked with deploying an additional cluster within VI Workload Domain which has been created with vSAN as a principal storage.
Which types of principal storage may the administrator configure during this process?

A. NFS v4.1, VMFS on FC, vSAN
B. vSAN, iSCSI, SMB 3.0
C. iSCSI, vVols, vSAN, NFS v4.1
D. vVols, vSAN, NFS v3, VMFS on FC

**Answer:** D

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