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Question 1

Question Type: MultipleChoice

An administrator is tasked with creating a new VMware Cloud Foundation VI workload Domain using vVOLS as the principal storage.

Which three storage protocols are supported for the new commissioned hosts? (Choose three.)

Options:

A- SCSI

B- NFS

C- FCoE

D- FC

E- SAS

F- iSCSI

Answer:

B, D, F

Explanation:

According to the VMware Cloud Foundation documentation¹, vVols supports FC, NFS, and iSCSI storage protocol types for principal storage. These are the protocols that are supported for the new commissioned hosts that will be used for the VI workload domain.

SCSI, FCoE, and SAS are not supported storage protocols for vVols in VMware Cloud Foundation.

Question 2

Question Type: MultipleChoice

Which type of service is provided when deploying a 3-node clustered Workspace ONE Access using vRealize Suite Lifecycle Manager?

Options:

- A- Runtime Services
- B- Operations Management Services
- C- Identity and Access Management Services
- D- Automation Services

Answer:

C

Explanation:

<https://docs.vmware.com/en/VMware-Cloud-Foundation/5.0/vcf-admin/GUID-6904A34A-1F67-4BBA-ACE8-12F039EC97E9.html>

To provide identity and access management services to the cross-instance SDDC components, you create a global environment in vRealize Suite Lifecycle Manager in which you deploy a 3-node clustered Workspace ONE Access instance.

Workspace ONE Access is a service that provides identity and access management for the VMware Cloud Foundation environment. It enables single sign-on, multi-factor authentication, conditional access policies, and user lifecycle management for the SDDC components and workloads¹²

vRealize Suite Lifecycle Manager is a service that provides lifecycle management for the vRealize Suite products, such as vRealize Automation, vRealize Operations Manager, vRealize Log Insight, and Workspace ONE Access. It automates the deployment, configuration, patching, upgrading, and scaling of these products³⁴

When you deploy a 3-node clustered Workspace ONE Access instance using vRealize Suite Lifecycle Manager, you are creating a highly available identity and access management service for your VMware Cloud Foundation environment.

Question 3

Question Type: MultipleChoice

An architect needs to create a VMware Cloud Foundation (VCF) VI Workload Domain design with the following 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 vMotion between the two availability zones?

Options:

- A-** 100 ms
- B-** 150 ms
- C-** 10 ms
- D-** 200 ms

Answer:

B

Explanation:

<https://docs.vmware.com/en/VMware-Cloud-Foundation/4.5/vcf-management-domain-design/GUID-11177D00-C8BE-4CEC-B997-659CC03B6D12.html>

According to the VMware KB article [Understand vMotion networking requirements \(59232\)](#), a successful Long Distance vMotion requires a RTT (round-trip time) latency of 150 milliseconds or less, between hosts. This is the maximum accepted latency supported by vMotion across long distances¹

Question 4

Question Type: MultipleChoice

An administrator is deploying a new VMware Cloud Foundation workload domain.

Which three options are supported for supplemental storage? (Choose three.)

Options:

A- VMFS on iSCSI

B- SMB

C- VMFS on FC

D- vVols

E- NFS v.3

F- NFS v.2

Answer:

C, D, E

Explanation:

<https://docs.vmware.com/en/VMware-Cloud-Foundation/5.0/vcf-design/GUID-2156EC66-BBBB-4197-91AD-660315385D2E.html>

Question 5

Question Type: MultipleChoice

An administrator is creating a VI Workload Domain where NSX-T must be configured to allow for dynamic routing.

Which pre-requisites are required?

Options:

- A-** Two MPLS peers on ToR switches with an interface IP and an iBGP Autonomous System Number
- B-** Two BGP peers on ToR switches with an interface IP and BGP Autonomous System Number
- C-** Separate VLANs and subnets available for NSX-T Host Overlay TEP VLAN and NSX-T Edge Overlay TEP VLAN
- D-** Reserved BGP Autonomous System Number to use for the NSX-T Edge cluster's Tier-0 gateway

Answer:

B

Explanation:

<https://docs.vmware.com/en/VMware-Cloud-Foundation/5.0/com.vmware.vcf.vxrail.doc/GUID-D6271E5A-05E9-4AE1-A3CE-87820DC3001B.html>

Question 6

Question Type: MultipleChoice

Which type of IP subnets are required when enabling Workload Management in VMware Cloud Foundation?

Options:

- A-** Non-routable subnets for pod networking and Service IP addresses, routable subnets for ingress and egress
- B-** Routable subnets for pod networking, Service IP addresses, ingress and egress
- C-** Routable subnets for pod networking and Service IP addresses, non-routable subnets for ingress and egress
- D-** Non-routable subnets for pod networking, Service IP addresses, ingress and egress

Answer:

A

Explanation:

<https://docs.vmware.com/en/VMware-Cloud-Foundation/5.0/com.vmware.vcf.vxrail.doc/GUID-E8D0A432-8573-4DF5-9330-A4FE15F74128.html>

Prerequisites

A VI workload domain must be deployed.

An Workload Management ready NSX Edge cluster must be deployed on the workload domain.

You must select Workload Management on the Use Case page of the Add Edge Cluster wizard. See step 6 in Deploy an NSX Edge Cluster.

All hosts in the vSphere cluster for which you enable Workload Management must have a vSphere with Tanzu license.

Workload Management requires a vSphere cluster with a minimum of three ESXi hosts.

The following IP address subnets must be defined:

A non-routable subnet for pod networking, minimum of a /22 subnet.

A non-routable subnet for Service IP addresses, minimum of a /24 subnet

A routable subnet for ingress, minimum of a /27 subnet

A routable subnet for egress, minimum of a /27 subnet

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