> ➢ **Vendor:** **VMware**

> ➢ **Exam Code:** **5V0-31.20**

> ➢ **Exam Name:** **VMware Cloud Foundation 2022**

> ➢ **New Updated Questions from** **Braindump2go**

> ➢ **(Updated in** **September/2022)**

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Question:1

An administrator is preparing to enable the vSphere with Tanzu for workload management.
Which selection must be made when automating the deployment of the NSX-T Edge Cluster using the SDDC Manager Ul (user interface)?

A. Select the Workload Management use case
B. Select the Custom use case, and then select the large Edge Form Factor
C. Select the Workload Management use case, and the select the large Edge Form Factor
D. Select the Custom use case, and then select the small Edge Form Factor.

Answer: C

Explanation:

Question:2

What is the benefit of placing vRealize Suite l ifecycle Manager on the cross-region Application Virtual Network?

A. vRealize Suite Lifecycle Manager cannot be placed on the cross-region network as it is reserved for Workload VMs only.
B. SDDC Manager uses the cross-region network to deploy vRealize Log Insight and vRealize Automation Proxy Servers, and this is not configurable.
C. vRealize Suite Lifecycle Manager can be deployed in cluster mode
D. After a recovery, an administrator can continue using the same IP address, DNS record, and routing configuration

Answer: B

Explanation:

Question:3

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.
Which three consideration apply to the design? (Choose three)

A. vSAN Witness Appliance can be deployed in VMware Cloud on AWS

B.   The witness appliance should be running different version of fc:SXi 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

Answer: ABD

Explanation:

Question: 4

An administrator is tasked with preparing the hosts for a new VMware Cloud Foundation environment. The new environment will be installed in a facility far away from the administrator, and the hosts must be reachable remotely as soon as they are cable and powered-on in the rack. To reduce cost the new hosts do not have out of band management.

Which two steps should the administrator take to prepare for this deployment? (Choose two.)

A. Configure UEFI support in the host BIOS-

B. Download the ESXi ISO and VIBs

C. Create a Cluster Image profile

D. Configure the VMware Imaging Appliance service.

E. Validate MTU of 1600 is set on Management VLAN.

Answer: DE

Explanation:

Question: 5

Which set of options is acceptable for vSAN Failures to Tolerable (FTT) policy when creating a VI Workload Domain from UI?

A. FTT=0, 1, or 2

B. FTT=0, 1,2, or 3

C. FTT=0, 1,5, or 6

D. FTT= 1, 2, or 3

Answer: B

Explanation:

Question: 6

The administrator for an existing VMware Cloud Foundation instance has one management domain

(sfo-m01) and one workload domain (sfo-w01). The workload domain consists of two vSphere

clusters (sfo-w01-ci01 and sfo-w01-cl02) using vSAN as principle storage.
The workload domain also includes an NSX-T Edge Cluster deployed in the default cluster (sfo-w01-c01) of the workload domain. The first cluster (sfo-w01-c01) rack1, and the second cluster (sfo-w01-c01) resides in rack 1.
A new project is underway, and the capacity of the second cluster (sfo-w0I cl02) of the workload domain that will be consumed by vRealize Automation needs to be expanded Rack 1 is at capacity. Eight additional hosts have been placed in rack 2 and cabled within the new rack. The network architecture is an L3 spine leaf architecture.
Which cluster expansion type should be selected when expanding the second cluster using the SDDC Manager UI?

A. L2 uniform
B. L2 non-uniform
C. L2 non-uniform and L3
D. L3 non-uniform and L2

Answer: C

Explanation:

Question: 7

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 10GPs 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.

Answer: AD

Explanation:

Question: 8

Which prerequisite is correct for vRealize Automation when deploying vRealize Suite components using vRealize Suite Lifecycle Manager?

A. Configure the vRealize Suite Lifecycle Manager appliance to use the ESXi host as a NTP source.

B. Run an external vRealize Orchestrator workflow.
C. Deploy vRealize Operations Manager before vRealize Automation.
D. Deploy Workspace ONE Access before vRealize Automation

Answer: C

Explanation:

Question: 9

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

Answer: C

Explanation:

Question: 10

What is the minimum required number of hosts when deploying the VMware Cloud Foundation Management Domain?

A. 6
B. 5
C. 4
D. 3

Answer: C

Explanation:

https://docs.vmware.com/en/VMware-Cloud-Foundation/3.10/com.vmware.vcf.planprep.doc_310/GUID-AE45ED7B-5530-4AE6-BB51-51E3D41CEDFD.html

Question: 11

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

Answer: D

Explanation:

Question: 12

An administrator wants to configure a stretched cluster and needs to configure vMotion, Which type of network connection is supported for vMotion.

A. The vSphere vMotion network must be routed between sites.
B. The vSphere vMotion network must be stretched via VMware MCX
C. The vSphere vMotion network must be routed via VPN.
D. The vSphere vMotion network must be routed via VMware HCX.

Answer: A

Explanation:

Question: 13

An administrator is required to deploy a new workload domain for a new business unit that must use its own NSX-I instance.
Which two Components will be deployed in the management domain during the workload domain creation? (Choose two.)

A. NSX-T Manager
B. Standalone Platform Services Controller
C. vCenter Server
D. NSX-T Edge node
E. Additional SDDC Manager

Answer: CD

Explanation:

Question: 14

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 SFIP 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.

Answer: BCE

Explanation:

Question: 15

The VMware Cloud Foundation management domain has been deployed, and post-deployment tasks can now be completed. The administrator needs to configure Single Sign-On for VMware Cloud Foundation user authentication.
Which two authentication sources can be used to accomplish this task? (Choose two)

A. Novell Directory Services
B. RADIUS
C. OpenLDAP
D. Active Directory
E. Apache DS

Answer: CD

Explanation:

Question: 16

An architect designs a VMware Cloud Foundation which includes three workload domains in addition to the management domain Each workload domain is comprised of two Clusters with 19 hosts in each. There is a requirement to keep the NSX-T Manager instances to a minimum for ease of management
Which NSX-T Manager VM appliance sizing option should the architect choose to support the workload domains using the minimum number of NSX-T Manager clusters?

A. Deploy one NSX-T Manager cluster using the large VM appliance size to support all three workload domains.
B. Deploy three NSX-T Manager clusters using the medium VM appliance size and assign one NSX-T Manager cluster per workload domain.
C. Deploy one NSX-T Manager cluster using the medium VM appliance size to support all three workload domains.
D. Deploy three NSX-T Manager clusters using the large VM appliance size and assign one NSX-T Manager cluster per workload domain.

Answer: A

Explanation:

Question: 17

What is the advantage of using spwie and leaf underlay network over hierarchical multi-tier topology used in VMware Cloud Foundation?

A. It provides greater flexibility especially when scaling out.

B. It supports 10 CiB/s connections for ESXi hosts.

C. It is required to support containers in VMware Cloud Foundation.

D. It is the only topology supported in VMware Cloud Foundation

_____ **Answer: C**

Explanation:

Question: 18

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

_____ **Answer: CE**

Explanation:

https://docs.vmware.com/en/VMware-Cloud-Foundation/4.3/vcf-admin/GUID-2C4653EB-5654-45CB-B072-2C2E29CB6C89.html

Question: 19

Which two actions are prerequisites for upgrading VMware Cloud Foundation 4 x? (Choose two.)

A. Validate that all required bundles for the upgrade are downloaded successfully.
B. Acquire a temp IP range for the new products components deployed during the upgrade
C. Take a backup of SDDC Manager
D. Take a snapshot of all workloads running on VMware Cloud foundation

E. Validate that all required license keys are available for the newer products versions

_____ **Answer: AC**

Explanation:

Question: 20

An administrator has been tasked with increasing the available capacity within an existing Cloud Foundation deployment to support the deployment of a production Workload Management cluster. The VMware Cloud Foundation environment consists of a single workload called Production. The Production workload domain consists of a single vSAN Cluster called Production-01 that existing Virtual Machines. During the original deployment, even through automated firmware updates were

not required, the Production workload domain was configured to use vSphere Lifecycle Images to automate its ongoing lifecycle management.

Four new hosts have been commissioned in SDDC Manager to support Workload Management. The new hosts are identically configured to the hosts that are currently deployed into the Production-01 cluster.

Which process must the administrator complete to enable Workload Management?

A. Create a new vSAN Cluster within a new vSphere Lifecycle Manager Image-based workload domain.

B. Create a new vSAN Cluster within a new vSphere Lifecycle Manager Baseline-based workload domain.

C. Extend the Production-01

vSAN cluster with the additional four hosts.

D. Create a new vSAN Cluster within the Production workload domain

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Answer: C

Explanation: