Question 1

Which VxRail networks support link aggregation1?

Options:

A- VxRail Management and vSAN

B- Private Management and VxRail Management

C- vSAN and vMotion

D- vMotion and VxRail Management

Answer:

C

Explanation:

In VxRail networks, the vSAN and vMotion networks support link aggregation. Link aggregation (also known as NIC teaming) allows multiple network interfaces to be combined into a single logical interface, providing redundancy and increased throughput. This is

particularly beneficial for vSAN traffic, which requires high bandwidth and low latency, and vMotion traffic, which benefits from increased network performance during virtual machine migrations.

Dell VxRail Network Planning Guide: VxRail Network Planning Guide

Question 2

Question Type: MultipleChoice

In a VxRail deployment which VMkernel interface is used for vSAN traffic?

Options:

A- vmk2

B- vmk4

C- vmk1

D- vmk3

Answer:

C

Explanation:

In a VxRail deployment, the VMkernel interface used for vSAN traffic is typically vmk1. This interface is designated specifically for vSAN communication, ensuring that the storage traffic is segregated from other types of network traffic for performance and security reasons.

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Question 3

Question Type: MultipleChoice

In which section of SolVe Online can a system administrator find the procedure to change the ESXi Hostname and IP address?

Options:

A- Miscellaneous

B- Connectivity

C- Install

D- Upgrade

Answer:

C

Explanation:

In SolVe Online, the procedure to change the ESXi Hostname and IP address can be found in the 'Install' section. This section contains various setup and configuration guides, including those related to network settings and hostname/IP configurations.
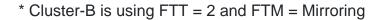
Dell SolVe Online Portal: SolVe Online

Question 4

Question Type: **MultipleChoice**

An environment has two VxRail Clusters with the following configuration

* Cluster-A is using FTT = 2 and FTM = Erasure Coding

* Cluster-B is using FTT = 2 and FTM = Mirroring

A 100 GB VM is planned to be vMotioned from Cluster-A to Cluster-B. How much more vSAN capacity is consumed in Cluster-B than in Cluster-A?

Options:

A- 100 GB

B- 167 GB

C- 150 GB

D- 0 GB

Answer:

B

Explanation:

To calculate the additional vSAN capacity consumed when a 100 GB VM is vMotioned from Cluster-A to Cluster-B, consider the following:

Cluster-A: FTT = 2 and FTM = Erasure Coding (RAID 6), which uses approximately 1.5 times the data size, thus 100 GB VM uses about 150 GB of vSAN capacity.

Cluster-B: FTT = 2 and FTM = Mirroring (RAID 1), which uses 3 times the data size, thus 100 GB VM uses 300 GB of vSAN capacity.

The difference in vSAN capacity consumed between Cluster-B and Cluster-A is: 300 GB (Cluster-B) - 150 GB (Cluster-A) = 150 GB

So, Cluster-B consumes 150 GB more vSAN capacity than Cluster-A.

VMware vSAN Storage Policies: vSAN Storage Policies

Question 5

Question Type: **MultipleChoice**

What is the maximum number of remote vSAN data stores a client cluster can mount using vSAN HCI Mesh?

Options:

A- 3

B- 4

C- 5

D- 6

Answer:

D

Explanation:

The maximum number of remote vSAN data stores a client cluster can mount using vSAN HCI Mesh is 6. VMware vSAN HCI Mesh allows for the mounting of remote vSAN datastores to provide flexible storage solutions and scalability. This feature enables multiple clusters to share storage resources efficiently.

VMware vSAN HCI Mesh Documentation

Dell VxRail Technical Guide

Question 6

Question Type: **MultipleChoice**

An administrator must shut down a VxRail cluster However the validation process has failed and cannot be completed

What action must be taken to correct the issue?

Options:

A- Turn oft cluster health monitoring

B- Put all nodes are in maintenance mode.

C- Disconnect all nodes from external storage

D- Shut down all client VMs.

Answer:

D

Explanation:

If the validation process for shutting down a VxRail cluster fails, the necessary action to correct the issue is to shut down all client VMs. Ensuring that all virtual machines are powered off is crucial for a clean shutdown of the cluster, preventing any data loss or corruption and allowing the shutdown process to complete successfully.

Dell VxRail Administration Guide: VxRail Administration Guide