

Free Questions for D-VXR-OE-23

Shared by Harrison on 04-10-2024

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Question 1

Question Type: MultipleChoice

When the VxRail cluster is deployed, what vSAN storage policy settings are applied to the VxRail Manager VIVP

Options:

- A- Failures to Tolerate: 1 failure - RAID 1 (Mirroring) Object space reservation: Thin provisioning
- B- Failures to Tolerate: 1 failure - RAID 5 (Erasure Coding) Object space reservation. Thin provisioning
- C- Failures to Tolerate: 1 failure - RAID 5 (Erasure Coding) Object space reservation Thick provisioning
- D- Failures to Tolerate: 1 failure - RAID 1 (Mirroring) Object space reservation. Thick provisioning

Answer:

A

Explanation:

When the VxRail cluster is deployed, the vSAN storage policy settings applied to the VxRail Manager VM are as follows:

Failures to Tolerate: 1 failure - RAID 1 (Mirroring)

Object space reservation: Thin provisioning

These settings ensure that the VxRail Manager VM has redundancy to tolerate a single failure and uses thin provisioning to optimize storage usage.

Dell VxRail Deployment Guide: VxRail Deployment Guide

Question 2

Question Type: MultipleChoice

By default, how often does the vSAN Skyline Health check run?

Options:

- A- 60 Minutes
- B- 30 Minutes
- C- 45 Minutes
- D- 15 Minutes

Answer:

A

Explanation:

By default, the vSAN Skyline Health check runs every 60 minutes. This regular interval ensures that the health status of the vSAN environment is frequently assessed, allowing administrators to promptly address any issues that may arise.

VMware vSAN Health Service Documentation: vSAN Health Service

Question 3

Question Type: MultipleChoice

An environment has two VxRail clusters. In vCenter, there is only one vSphere Distributed Switch object for both clusters. Which deployment architecture was used for these clusters?

Options:

- A- External vCenter Server with external DNS
- B- External vCenter Server with internal DNS
- C- Internal vCenter Server with external DNS
- D- Internal vCenter Server with internal DNS

Answer:

A

Explanation:

The deployment architecture used for these clusters, where there is only one vSphere Distributed Switch object for both clusters in vCenter, is 'External vCenter Server with external DNS.' This setup allows for centralized management of multiple clusters and network resources using a single vSphere Distributed Switch, facilitated by an external vCenter Server and DNS configuration.

Dell VxRail Network Planning Guide: VxRail Network Planning Guide

Question 4

Question Type: MultipleChoice

Where are the VxRail Manager backup files located after they are created?

Options:

A- Local Datastore

B- vSAN Datastore

C- VxRail Manager VM Backup Folder

Answer:

B

Explanation:

After VxRail Manager backup files are created, they are located on the vSAN Datastore. This ensures that the backup files are stored within the same resilient storage infrastructure as the other critical data, providing redundancy and high availability.

Dell VxRail Manager User Guide: VxRail Manager User Guide

Question 5

Question Type: MultipleChoice

A VM is configured with hard disks totaling 100 GB allocated. The VM is using a RAID 5 vSAN Storage Policy. What is the total space that is consumed on the vSAN Datastore?

Options:

- A- 200 GB
- B- 100 GB
- C- 133 GB
- D- 166 GB

Answer:

C

Explanation:

When a VM is configured with hard disks totaling 100 GB and uses a RAID 5 vSAN Storage Policy, the total space consumed on the vSAN Datastore is approximately 133 GB. RAID 5 in vSAN requires additional space for parity, which is typically about 1.33 times the original data size. This means that for 100 GB of allocated space, the actual consumed space will be around 133 GB, accounting for the data and parity overhead.

Question 6

Question Type: MultipleChoice

Which three data protection options are included with VxRail? (Select 3)

Options:

- A- NetWorker with Avamar
- B- vSphere Replication
- C- vSAN Stretched Cluster
- D- RecoverPoint for VMs
- E- Data Protection Suite for VMware

Answer:

B, C, D

Explanation:

The three data protection options included with VxRail are:

vSphere Replication: Provides simple and cost-effective replication of virtual machines for data protection and disaster recovery. It allows users to replicate VMs between different vSphere environments.

vSAN Stretched Cluster: Offers high availability and disaster recovery by stretching a single vSAN cluster across two geographically separated sites. It ensures data redundancy and site-level failure protection.

RecoverPoint for VMs: Provides continuous data protection and disaster recovery for VMware virtual machines. It enables point-in-time recovery and ensures minimal data loss in the event of a failure.

Dell VxRail Data Protection Solutions: VxRail Data Protection

Question 7

Question Type: MultipleChoice

What is the duration of the evaluation licenses for vSphere ESXi included with the VxRail system?

Options:

A- 30 days

B- 90 days

C- 45 days

D- 60 days

Answer:

C

Explanation:

The duration of the evaluation licenses for vSphere ESXi included with the VxRail system is 45 days. This trial period allows users to explore and test the features and capabilities of vSphere ESXi before committing to a full license.

VMware vSphere Licensing Documentation: vSphere Licensing

Question 8

Question Type: MultipleChoice

What is the default rekey interval for vSAN data-in-transit encryption on the VxRail Cluster?

Options:

- A- 1 day
- B- 6 hours
- C- 7 days
- D- 12 hours

Answer:

B

Explanation:

The default rekey interval for vSAN data-in-transit encryption on the VxRail Cluster is 6 hours. This interval specifies how frequently the encryption keys are rotated to ensure secure communication within the cluster. Regular rekeying helps maintain data security by reducing the risk of encryption key compromise.

Question 9

Question Type: MultipleChoice

What two failure events cause the vSAN to start rebuilding components immediately on the VxRail system?

(Select 2)

Options:

- A- Interlace controller
- B- ESXi host
- C- Capacity device
- D- Storage controller

Answer:

B, C

Explanation:

Two failure events that cause vSAN to start rebuilding components immediately on the VxRail system are:

ESXi host failure

Capacity device failure

When an ESXi host fails, vSAN detects the loss of the host and initiates the rebuilding of the affected components to maintain data availability and integrity. Similarly, when a capacity device (such as an SSD or HDD) fails, vSAN starts the rebuild process to ensure that data remains protected and accessible.

VMware vSAN Failure Handling: vSAN Failure Handling

Question 10

Question Type: MultipleChoice

A VxRail administrator is adding a node to an existing VxRail Cluster. The node has been racked, cabled and powered on. However, the node is not discovered in the vSphere Client.

Which log file should be analyzed to diagnose the issue?

Options:

A- lcm log

B- marvin.log

C- loudmouth log

D- mystic.log

Answer:

C

Explanation:

When adding a node to an existing VxRail Cluster and the node is not discovered in the vSphere Client, the 'loudmouth' log should be analyzed. The loudmouth log is crucial for node discovery as it records the communication and discovery processes between nodes in the VxRail cluster. Analyzing this log can help diagnose issues related to node visibility and network communication.

Dell VxRail Troubleshooting Guide: VxRail Troubleshooting Guide

Question 11

Question Type: MultipleChoice

What is required to setup vSAN HCI Mesh?

Options:

- A- Latency of 5 milliseconds and network redundancy
- B- vSAN Enterprise License and 1 Gbps Networking
- C- Latency of 10 milliseconds and bandwidth of 10 Gbps
- D- vSAN Advanced License and bandwidth of 25 Gbps

Answer:

C

Explanation:

To set up vSAN HCI Mesh, a latency of 10 milliseconds and a bandwidth of 10 Gbps are required. vSAN HCI Mesh allows vSAN clusters to share storage resources over a network. Ensuring low latency and high bandwidth is crucial for maintaining performance and reliability in a hyper-converged infrastructure (HCI) environment, which vSAN HCI Mesh facilitates.

VMware vSAN HCI Mesh Requirements: VMware vSAN HCI Mesh

Question 12

Question Type: MultipleChoice

If the vCenter Server is unavailable, which vSAN troubleshooting option should an administrator use?

Options:

- A- ESXCLI
- B- iDRAC
- C- PowerCLI
- D- VxRail Manager

Answer:

D

Explanation:

If the vCenter Server is unavailable, an administrator should use VxRail Manager for vSAN troubleshooting. VxRail Manager provides comprehensive management and monitoring capabilities for the VxRail cluster, including vSAN. It enables administrators to perform

health checks, diagnostics, and maintenance tasks even when the vCenter Server is down, ensuring continuity of operations and effective troubleshooting.

Dell VxRail Manager User Guide: VxRail Manager User Guide

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