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Question 1

Question Type: MultipleChoice

An administrator notes that the Data-At-Rest Encryption keys have expired.

Which action is needed to resolve this situation?

Options:

- A- Add a new Standard Key Provider at the vSAN cluster level
- B- Generate new encryptions keys at the vSAN cluster level
- C- Add an additional KMS at the vCenter server level
- D- Generate new encryptions keys at the vCenter server level

Answer:

B

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsan-administration/GUID-15393A27-5F38-4814-94E0-ED37A7E65249.html>

Question 2

Question Type: MultipleChoice

An administrator has noticed that a number of the virtual machines in the preferred site are showing as either failed or partitioned.

In which two ways would the administrator expect the virtual machines to respond? (Choose two.)

Options:

- A- They will be disconnected.
- B- They will be restarted in the secondary site.
- C- They will be restarted at the preferred site.
- D- They will be powered off.
- E- They will be removed from inventory.

Answer:

B, D

Explanation:

<https://core.vmware.com/resource/vsan-stretched-cluster-guide#site-failure-or-network-partitions>

Question 3

Question Type: MultipleChoice

During a vSAN design workshop, a customer expressed a requirement to decommission an existing enterprise NAS device that provides iSCSI services for a clustered application.

Based on the current state analysis, the following information was noted:

- * Current utilization is 500 LUNs.
- * All clustered workloads are configured for Multiple Connections per Session.
- * LUN sizes range between 10 TB to 30 TB.

What should the architect state regarding the requirements?

Options:

- A- All requirements can be satisfied without any change.
- B- Only single connection per session is supported.
- C- The number of LUNs require additional licensing.
- D- It is a best practice to maintain a LUN size of 8 TB.

Answer:

B

Explanation:

<https://kb.vmware.com/s/article/57344>

Question 4

Question Type: MultipleChoice

An architect is reviewing a vSAN cluster that has an unbalanced cluster configuration.

Which behavior will the architect observe?

Options:

- A- Consistent maintenance procedures
- B- Reduced predictability of storage performance
- C- Reduced deduplication capabilities
- D- Faster rebuild times

Answer:

B

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vsan-planning.doc/GUID-57575456-0AD9-4655-9D6B-58509C1DF33C.html>

Question 5

Question Type: MultipleChoice

An administrator is troubleshooting vSAN performance issues, and the performance diagnostics reports:

"There are errors seen in one or more physical NICs on one or more hosts."

Which two problems must be resolved to fix this issue? (Choose two.)

Options:

- A- A 25 Gb/s NIC needs to be installed.
- B- There are incompatible firmware and driver versions.
- C- There is an incorrectly set MTU.
- D- The vSAN version needs to be upgraded to 7.0.
- E- A firewall is blocking ports.

Answer:

B, C

Explanation:

Question 6

Question Type: MultipleChoice

An organization has two vSAN clusters managed by the same vCenter server, each providing 100 TB of storage. The first cluster runs at 75% of its storage capacity, and the second cluster runs at 40% of its storage capacity.

The company also has the following:

- * an iSCSI array of 300 TB, which runs at 76% of its capacity
- * a NAS system of 200 TB, which runs at 10% of its capacity
- * a Fiber channel (FC) array of 300 TB, which runs at 80% of its capacity

The administrator is asked to add an additional 25 TB of storage to the first cluster but is also made aware that there is no budget to purchase new hardware and that the vSAN Storage Policy Based Management must be kept in place.

Which storage option will work for this use case?

Options:

- A- Use the iSCSI array to obtain additional free capacity.
- B- Use the NAS to obtain additional free capacity.
- C- Use an HCI Mesh to obtain additional capacity.
- D- Use the FC array to obtain additional free capacity.

Answer:

C

Explanation:

<https://blogs.vmware.com/virtualblocks/2020/09/16/introducing-vmware-vsan-hci-mesh/>

Question 7

Question Type: MultipleChoice

An architect is currently working with a customer to transform their existing ESXi hosts to vSAN nodes. The customer expressed the following requirements.

- * First phase will transform 50% of the hosts to a hybrid vSAN nodes.
- * Second phase will transform the remaining 50% hosts to an All-Flash vSAN nodes.

The following constraint exists:

- * Each host has a 4-port x 1 GbE network interface.

Which two recommendations should the architect make to align with the customer's requirements? (Choose two.)

Options:

- A-** Hybrid vSAN clusters can have shared 1 GbE network adapters.
- B-** All-Flash vSAN clusters must have dedicated 10 GbE network adapters.
- C-** Hybrid vSAN clusters must have dedicated 1 GbE network adapters.
- D-** All-Flash vSAN clusters can have shared 10 GbE network adapters.
- E-** Hybrid vSAN clusters must have dedicated 10 GbE network adapters.

Answer:

C, D

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsan-planning/GUID-031F9637-EE29-4684-8644-7A93B9FD8D7B.html>

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