Question 1

During yesterday's business hours, a cache drive failed on one of the vSAN OSA nodes. The administrator reached out to the manufacturer and received a replacement drive the following day. When the drive failed, vSAN started a resync to ensure the health of the data, and all objects are showing a healthy and compliant state. The vSAN administrator needs to replace the failed cache drive.

Which set of steps should the vSAN administrator take?

Options:

A- Physically replace the failed cache device, and vSAN will automatically create a new disk group. Then, remove the disk group with the failed device.

B- Place the disk group into maintenance mode, and select Full Data Migration. Then, physically replace the failed cache device. Afterwards. vSAN will rebuild the disk group automatically.

C- Remove the existing vSAN disk group and physically replace the device. Then check to verify that the ESXi host automatically detects the new device Afterwards manually recreate the Disk Group

D- Physically replace the failed cache device, and vSAN will automatically allocate the storage. Then, rebalance the cache layer.

Answer:

C

Question 2

What is the purpose of the TRIM/UNMAP process?

Options:

A- Collects vSAN log files

B- Repairs internal cache errors

C- Deletes orphaned snapshots

D- Reclaims disk space

Answer:

D

Question 3

An administrator has deployed a new vSAN OSA cluster that contains eight hosts and needs to configure a storage policy for the currently deployed database virtual machines. The requirements state that if two hosts in the vSAN OSA cluster fail, all virtual machines are unaffected.

Which RAID configuration must the administrator use in this storage policy to achieve the best performance for the database virtual machines?

Options:

A- RA1D-1

B- RAID-5

C- RAID-6

D- RAID-0

Answer:

C

Question 4

The vSphere Client reports that the state of some components stored on the vSAN datastore are in the reconfiguring state.

Which situation causes components to enter this state?

Options:

A- A host in the cluster enters maintenance mode.

B- The cluster is recovering from a vSAN failure.

C- The applied storage policy is modified.

D- Additional storage capacity is added to the cluster.

Answer:

C

Question 5

A vSAN administrator has recently upgraded a vSAN cluster to 8.0 OSA and has enabled Capacity Reserve features to reduce the amount of capacity reserved for transient and rebuild operations.

Which scenario would prevent this feature from operating properly?

Options:

A- Underutilized space is above 25-30% of the total capacity threshold.

B- The used space on vSAN datastore exceeds the suggested host rebuild threshold.

C- The used space on vSAN datastore exceeds the suggested slack rebuild threshold.

D- The physical disk has reached an 80% full reactive rebalance threshold.

Answer:

B

Question 6

Question Type: MultipleChoice

An administrator wishes to prevent vCenter notifications of vSAN Health status during a scheduled maintenance window.

Which action can be taken to achieve this goal?

Options:

A- Disable the performance service

B- Disable the alarm from the HTML client

C- Run performance diagnostics prior to scheduled maintenance

D- Disable SNMP service

Answer:

B

Question 7

Question Type: **MultipleChoice**

Which two considerations should an architect assess when designing a HCI Mesh solution with VMware vSAN and VMware vSphere High Availability (HA)? (Choose two.)

Options:

A- A server vSAN cluster can serve its local datastore up to five client vSAN clusters.

B- A client cluster can mount up to ten remote datastores from one or more vSAN server clusters.

C- A minimum of three nodes are required within the client cluster for vSphere HA to work

D- If vSphere HA is to work with HCI Mesh, Datastore with Permanent Device Loss (PDL) must be configured to Power off and restart VMs.

E- If vSphere HA is to work with HCI Mesh, Datastore with All Paths Down (APD) must be configured to Power off and restart VMs.

Answer:

A, B

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