

2VB-601^{Q&As}

VMware Specialist: vSAN 6.x Exam

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QUESTION 1

Which vSAN health check category is viewed to confirm supported storage controller drivers are in use across all hosts in the cluster?

- A. Online health
- B. Hardware Compatibility
- C. Physical disk
- D. Cluster

Correct Answer: B

vSAN Health Service - Hardware Compatibility - Controller Firmware Check This health check verifies whether the storage I/O controller firmware is compatible with the controller on the ESXi host and the version of ESXi.

If the controller is on the VMware vSAN Hardware Compatibility List (HCL) and passes appropriate controller checks, the Controller Firmware Check verifies that there the firmware version in use is on the list of supported drivers.

References: <https://kb.vmware.com/s/article/2149405>

QUESTION 2

What are two main advantages of using multiple disk groups within each host? (Choose two.)

- A. Performance
- B. Backward compatibility
- C. Cost
- D. Redundancy

Correct Answer: AD

<http://www.yellow-bricks.com/2014/05/22/one-versus-multiple-vsan-diskgroups-per-host/>

QUESTION 3

Which two statements are true about VSAN deduplication and compression? (Choose two.)

- A. vSAN deduplication and compression are enabled on a per virtual machines basis.
- B. vSAN deduplication and compression deduplicate with a variable block size.
- C. vSAN deduplication and compression are enabled at the cluster level and occur at the disk group level.
- D. vSAN deduplication and compression deduplicate with a fixed 4K-block size.

Correct Answer: CD

You can enable deduplication and compression as a cluster-wide setting, but they are applied on a disk group basis.

The vSAN deduplication block size is 4K fixed.

References:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-3D2D80CC444E-454E-9B8B-25C3F620EFED.html> <https://blogs.vmware.com/virtualblocks/2017/11/29/vsanoperations-adding-removing-drives-deduplication-compression-enabled/>

QUESTION 4

Consider the following vSAN stretched cluster scenario:

1.

Site A is the preferred site, Site B is the secondary site

2.

Site C is running the vSANwitness host virtual appliance

3.

A virtual machine named VM01 is located on the vSAN datastore

4.

VM01 is running on a host at SiteB

5.

The vSAN default storage policy is assigned to VM01

6.

The vSAN default storage policy has NOT been modified

7.

All aspects of the cluster are functioning properly

Where are reads and writes for VM01 performed?

A. Reads are performed at Site B, writes are performed synchronously at Site A and Site B.

B. Reads and writes are performed at Site A and Site B using a round-robin algorithm.

C. Reads and writes are performed at Site A since it is the preferred site. Changes to Site A are replicated asynchronously to Site B

D. Reads are performed at Site B, writes are performed at Site B. Changes to Site B are replicated asynchronously to Site A through the vSAN witness host.

Correct Answer: C

QUESTION 5

Which three of the listed items are required when configuring a vSAN cluster? (Choose three.)

- A. Each host in the vSAN cluster has a VMkernel network adapter for vSAN traffic.
- B. All hosts contributing storage to the cluster have at least one cache and one capacity device.
- C. A valid license for vSAN is applied.
- D. RDMA over Converged Ethernet (RoCE) is enabled on the network switches that connect vSAN hosts.
- E. Storage controllers are configured as RAID-0 with 100% write cache.

Correct Answer: CDE

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