



# 2VB-601<sup>Q&As</sup>

VMware Specialist: vSAN 6.x Exam

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### QUESTION 1

Which three objects that belong to virtual machines are contained in a vSAN datastore? (Choose three.)

- A. VM Health Status
- B. VMDK
- C. VM Home Namespace
- D. Performance Statistics
- E. VM Swap

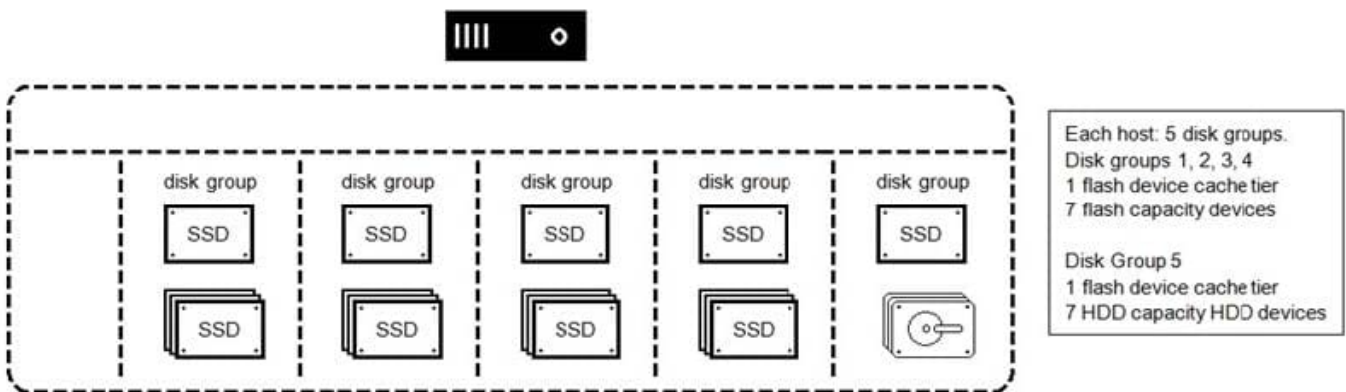
Correct Answer: BCE

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-1D8956A23F46-49C8-9231-38F3A9D09A0F.html>

### QUESTION 2

View the exhibit.

The exhibit shows a single node of a vSAN cluster. All nodes have been configured identically. Which statement is true about the information in the exhibit?



- A. This is an invalid design. There are too many disk groups.
- B. This is an invalid design. You CANNOT mix all-flash disk groups with hybrid disk groups.
- C. This is a valid all-flash vSAN configuration.
- D. This is a valid hybrid vSAN configuration.
- E. This is an invalid design. There are too few capacity disks.

Correct Answer: B



### 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/>

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### QUESTION 4

When using vSAN in a two-node direct connect configuration, how do data nodes communicate with the vSAN witness appliance?

- A. The vCenter Server acts as a proxy between data nodes and the vSAN witness.
- B. An alternate VMkernel interface that has connectivity to the vSAN witness must be tagged with a vSAN traffic type of "witness" VM
- C. Two-node direct connect does NOT require connectivity to the vSAN witness appliance.
- D. If the data node management VMkernel interfaces that are tagged for management traffic only have connectivity with the vSAN witness, they will provide communication with the vSAN witness.

Correct Answer: B

Traditional vSAN 2 Node configurations require connectivity between the vSAN tagged VMkernel ports, and the vSAN Witness Appliance's vSAN tagged VMkernel port. 2 Node Direct Connect Witness Traffic Separation provides the ability to directly connect vSAN data nodes in a 2 Node configuration. Traffic destined for the Witness host can be tagged on an alternative interface from the directly connected vSAN tagged interface.

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### QUESTION 5

Which statement the describes the vSAN architecture?

- A. Redundant array of independent disks (RAID)



- B. Virtual Machine File System (VMFS) on local mirrored storage devices
- C. Local storage devices aggregated into a single datastore shared by all hosts in the cluster
- D. Block storage enabled through redundant virtual storage appliances

Correct Answer: C

References: <https://docs.vmware.com/en/VMware-vSphere/5.5/com.vmware.vsphere.storage.doc/GUID-ACC1039347F6-4C5A-85FC-88051C1806A0.html>

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