



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

VMware Specialist: vSAN 6.x Exam

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## QUESTION 1

An administrator is deploying vSAN 6.6.

What must the administrator configure to set up vSAN networking?

- A. IGMP snooping on the switch
- B. A class A network address
- C. A matching subnet mask on all vSAN VMkernel ports
- D. A vSAN VMkernel port on each host in the cluster

Correct Answer: CD

We validate that we have vmkernel adapters setup for vSAN traffic. The wizard will notify us if there are any issues here.

The screenshot shows the 'labcluster - Configure vSAN' window. The 'Network validation' step is active, displaying a table of vSAN VMkernel adapters. A red box highlights the 'vSAN Enabled' column, which shows 'Yes' for all entries. Below the table, a green checkmark icon and a message state: 'All the hosts in this cluster have a VMkernel adapter with vSAN traffic enabled. Review the list above for more details.'

Name	Network	IP Address	vSAN Enabled
192.168.1.30			Yes
vmk2	DPG-vSAN	10.16.64.30	Yes
192.168.1.31			Yes
vmk2	DPG-vSAN	10.16.64.31	Yes
192.168.1.32			Yes
vmk2	DPG-vSAN	10.16.64.32	Yes

References: <https://www.virtualizationhowto.com/2017/04/vmware-vsan-6-6-configuration-and-new-features/>

## QUESTION 2



What is the purpose of the cache tier in an all-flash vSAN cluster?

- A. Read caching only.
- B. 30% write caching and 70% read caching.
- C. 20% write caching and 70% read caching and 10% checksum metadata.
- D. Write caching only.

Correct Answer: D

Explanation: Since there is no read cache in all-flash vSAN clusters, the I/O flow is subtly different when compared to a read operation on hybrid configurations. On an all-flash vSAN, when a read is issued, the write buffer is first checked to see if the block is present. References: <https://www.vsan-essentials.com/chapter-5-architectural-details>

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### QUESTION 3

Which two statements are true? (Choose two.)

- A. Storage policies define VM storage requirements, such as performance and availability
- B. vSAN will not automatically assign a storage policy to a VM
- C. A default storage policy must be created for vSAN by the administrator
- D. The default vSAN storage policy is used unless a different storage policy is selected
- E. The administrator uses the ESX host console to view, create, and modify policies

Correct Answer: AD

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### QUESTION 4

How many consecutive heartbeats of communication must be lost between master and the witness host for the witness host to be deemed to have failed?

- A. 5
- B. 7
- C. 3
- D. 10

Correct Answer: A

If communication is lost for 5 consecutive heartbeats (5 seconds) between the master and the Witness, the Witness is deemed to have failed.

References: [https://storagehub.vmware.com/export\\_to\\_pdf/vsan-stretched-cluster-2-node-guide](https://storagehub.vmware.com/export_to_pdf/vsan-stretched-cluster-2-node-guide), page 51

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### QUESTION 5

What is storage latency?

- A. The maximum bandwidth provided by a Fiber Channel switch.
- B. The time required for a system to process a storage transaction.
- C. The level of availability in a storage sub-system
- D. The minimum bandwidth provided by an iSCSI initiator.

Correct Answer: B

Latency is a measure of the time required for a sub-system or a component in that sub-system to process a single storage transaction or data request. It's akin to the propagation delay of a signal through a discrete component and is typically a function of hardware. For storage subsystems, latency refers to how long it takes for a single data request to be received and the right data found and accessed from the storage media.

References: <https://storageswiss.com/2013/12/10/what-is-latency-and-how-is-it-different-from-iops/>

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