

2VB-601^{Q&As}

VMware Specialist: vSAN 6.x Exam

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QUESTION 1

Which are two types of flash-based storage devices? (Choose two.)

- A. M.2 HDD
- B. NVMe SSD
- C. SATA SSD
- D. SAS Expander FD

Correct Answer: AB

QUESTION 2

A virtual machine named VM01 is running on Host01 on a four-node vSAN cluster. vSphere HA is enabled for the cluster. vSphere HA host isolation response is set to Power off and restart VMs. VM01 has a storage policy assigned to it that contains the rule Primary level of failures to tolerate = 1.

A network failure occurs that causes a vSAN network partition. Host01 is isolated from the rest of the cluster. The other three nodes are NOT affected by the network failure.

How does this network failure impact VM01?

- A. vSphere HA attempts to restart VM01 on Host01 after the number of minutes configured in the VSAN.ClomRepairDelay advanced setting has elapsed.
- B. vSphere HA immediately attempts to restart VM01 on Host01.
- C. vSAN rebuilds all components that belong to VM01 on other nodes in the cluster. After the rebuild is complete vSphere HA attempts to restart VM01 on a node other than Host01.
- D. vSphere HA powers off VM01 and attempts to restart it on a node other than Host01.

Correct Answer: C

vSAN will wait for 60 minutes by default and then rebuild the affected data on other hosts in the cluster. The 60-minute timer is in place to avoid unnecessary movement of large amounts of data. As an example, a reboot takes the host offline for approximately 10 minutes. It would be inefficient and resource intensive to begin rebuilding several gigabytes or terabytes of data when the host is offline briefly. vSphere HA is tightly integrated with vSAN. The VMs that were running on a failed host are rebooted on other healthy hosts in the cluster in a matter of minutes. A click-through demonstration of this scenario is available here: [vSphere HA and vSAN 50 VM Recovery](#).

Recommendation: Enable vSphere HA for a vSAN cluster. Reference: [vSAN Frequently Asked Questions \(FAQ\).pdf](#) (Page 11)

QUESTION 3

What is the VMware-recommended network configuration between the three sites in a vSAN stretched cluster?

- A. L2 connectivity between the preferred and secondary sites, and L3 from the preferred and secondary sites to the witness site.
- B. L3 connectivity between the preferred and secondary sites, and L2 from the preferred and secondary sites to the witness site.
- C. L2 connectivity between all three sites.
- D. L3 connectivity between all three sites.

Correct Answer: A

QUESTION 4

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

QUESTION 5

Which three sources can be queried to retrieve storage policy components? (Choose three.)

- A. vSphere API for IO Filtering (VAIO)
- B. Virtual Volumes (VVols)
- C. vCenter
- D. vSAN
- E. Storage IO Control (SIOC)

Correct Answer: BCD

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