



2VB-601^{Q&As}

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QUESTION 1

What is the minimum number of hosts required in each site to allow a policy of Primary level of failures to tolerate set to 1 and Secondary level of failures to tolerate set to 2 with failure tolerance method set to RAID 5/6?

- A. 6
- B. 12
- C. 2
- D. 4

Correct Answer: A

QUESTION 2

If the Primary level of failures to tolerate policy is changed from 2 to 3 without shutting down the virtual machine, what will happen when the policy is applied?

- A. It will fail with an alert. Primary level of failures to tolerate=3 is not supported with mirroring.
- B. It will fail with an alert. The policy of a running VM cannot be dynamically changed.
- C. vSAN will try to create an additional mirror of the VM's disk components, as long as there is a sufficient number of fault domains and available capacity.
- D. vSAN will switch its failure to tolerate method for any VMs with that policy, to optimize for space. Primary level of failures to tolerate=3 can only be accomplished with erasure coding.

Correct Answer: C

Incorrect Answers:

D: RAID 5 or RAID 6 erasure coding does not support a Primary level of failures to tolerate value of 3.

Note: Primary level of failures to tolerate Defines the number of host and device failures that a virtual machine object can tolerate. For n failures tolerated, each piece of data written is stored in n+1 places, including parity copies if using RAID 5 or RAID

6.

When provisioning a virtual machine, if you do not choose a storage policy, vSAN assigns this policy as the default virtual machine storage policy.

If fault domains are configured, 2n+1 fault domains with hosts contributing capacity are required. A host, which is not part of any fault domain is considered its own single-host fault domain.

Default value is 1. Maximum value is 3.

References: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-08911FD32462-4C1C-AE81-0D4DBC8F7990.html>



QUESTION 3

Which statement is true regarding vSAN and vSphere high availability (HA) interoperability?

- A. The vSAN datastore must be configured as the heartbeat datastore for vSphere HA.
- B. vSphere HA must be disabled before enabling vSAN.
- C. vSphere HA host isolation must be set to disabled.
- D. The vSphere HA heartbeat object can only be assigned the default datastore storage policy.

Correct Answer: B

References: <https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.virtualsan.doc/GUID-D68890D8841A-4BD1-ACA1-DA3D25B6A37A.html>

QUESTION 4

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/>

QUESTION 5

What are two ways that storage policies can be applied? (Choose two.)

- A. Execute a PowerCLI script
- B. Right-click a virtual machine in the vSphere Web Client
- C. Run the "esxcli vsan storage tag add" command
- D. Select the vSAN datastore and click "Apply Storage Policy"

Correct Answer: AD



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