

# Network Appliance NS0-501

## NS0-501 Network Appliance Implementation Engineer- SAN

### Practice Test

Version 3.6

**QUESTION NO: 1**

What is the approximate capacity overhead of a cloned flexible volume at creation?

- A. 200%
- B. 100%
- C. 50%
- D. 0%

**Answer: D**

**QUESTION NO: 2**

Which command would collect information about the firmware version running on a Brocade 4100 FC switch?

- A. version
- B. switchshow
- C. show version
- D. show switch

**Answer: A**

**QUESTION NO: 3**

What is the read/write pattern for copy-on-write (COW) based snapshots?

- A. Read-write-read
- B. Write-read-write
- C. Read-write-write
- D. Write-read

**Answer: C**

**QUESTION NO: 4**

A customer has a 4-node SUN cluster configuration, and each node has 2 dual-ported HBAs. What is the minimum number of igroups that need be created to map a LUN to the cluster?

- A. 1
- B. 2
- C. 4

D. 8

**Answer: A**

**QUESTION NO: 5**

What could an E\_Port represent?

- A. A Fibre Channel hub's connection to the FC switch.
- B. A storage controller's connection to the FC switch.
- C. An inter-switch link connection between FC switches.
- D. An unused port on the FC switch.

**Answer: C**

**QUESTION NO: 6**

An ACME Corporation user has lost a file on their NetApp SAN. This user can go to the .snapshot directory and retrieve the file. (True or False?)

- A. True
- B. False

**Answer: B**

**QUESTION NO: 7**

ACME corporation currently has a NetApp Fibre Channel block-based solution. With limited budget and resources, they want to create a new disaster recovery site that utilizes a NetApp solution. The optimal solution would include \_\_\_\_\_.

- A. SnapMover and Fibre Channel at the Disaster Recovery site for all hosts.
- B. SnapMirror and iSCSI at the Disaster Recovery site for all hosts.
- C. a combination of Fibre Channel and iSCSI.
- D. MetroCluster and NAS.

**Answer: B**

**QUESTION NO: 8**

ACME Corporation has a NetApp 2Gb solution, and they only want to upgrade to 4Gb switches. They would \_\_\_\_\_.

- A. not be able to do this because 4Gb is not supported.
- B. add 4Gb HBAs into each controller and 4Gb HBAs to all systems.
- C. add 4Gb HBAs into each controller.
- D. replace the existing 2Gb switches.

**Answer: D**

#### **QUESTION NO: 9**

Identify the SAN topology that provides best performance and scalability.

- A. cascade
- B. core-edge
- C. full mesh
- D. partial mesh

**Answer: B**

#### **QUESTION NO: 10**

You connect a host to a Netapp storage system over a FC switch. The host has its boot volumes on the storage systems. What do you have to configure?

- A. persistent binding
- B. port zoning
- C. soft zoning
- D. WWN zoning

**Answer: A**

#### **QUESTION NO: 11**

What would you use to share a data LUN among multiple servers where each server has simultaneous write access?

- A. host-based clustering
- B. host-based multipathing
- C. host-based volume manager

D. host-based clustered file system

**Answer: D**

**QUESTION NO: 12**

Which THREE are performance tuning parameters available for Fibre Channel HBAs on a host?  
(Choose three.)

- A. HBA queue depth
- B. Fibre Channel speed
- C. frame size
- D. LUN device ID

**Answer: A,B,C**

**QUESTION NO: 13**

ACME Corporation is in the midst of deploying several applications over Fibre Channel. A single NetApp volume will host three 100GB LUNs. The customer will not be using snapshots. Select the minimum volume size required.

- A. 100GB
- B. 300GB
- C. 600GB
- D. 660GB

**Answer: B**

**QUESTION NO: 14**

When planning an installation of SnapDrive for UNIX 2.1 on Solaris 9, which is true?

- A. SnapDrive for UNIX 2.1 can create volume groups that span multiple storage controllers.
- B. SnapDrive for UNIX 2.1 can manage a boot disk, root volume groups, and system disks.
- C. SnapDrive for UNIX 2.1 can create a striped volume group made up of different LUNs on the same storage controller but in different aggregates.
- D. SnapDrive for UNIX 2.1 can take a snapshot of volume groups that span multiple storage controllers.

**Answer: D**

**QUESTION NO: 15**

When running in standby cfmode, if the host can no longer access the LUNs from Controller A after an array controller failover to Controller B, what TWO things should you check? (Choose two.)

- A. The cabling between the storage controller and the switch.
- B. The zoning on the switch.
- C. The LUN masking on the storage controller.
- D. The persistent bindings.

**Answer: A,B**

**QUESTION NO: 16**

NFS can access a mapped LUN on a NetApp solution for file read/write access. (True or False?)

- A. True
- B. False

**Answer: B**

**QUESTION NO: 17**

On a Windows 2003 with the NetApp DSM MPIO environment with a FAS6000 HA configuration running single\_image cfmode, when you pull a cable, the I/O will failover. When you re-insert the cable, the I/O return to the original port. (True or False?)

- A. True
- B. False

**Answer: A**

**QUESTION NO: 18**

SnapDrive for UNIX requires RSH access to the NetApp storage controller. (True or False?)

- A. True
- B. False