

**Exam Code:** NS0-501

**Exam Name:** Network Appliance Implementation

Engineer-SAN

**Vendor:** Network Appliance

**Version:** DEMO

## Part: A

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

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

**Correct Answers: D**

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

**Correct Answers: A**

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

**Correct Answers: C**

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

**Correct Answers: A**

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.

**Correct Answers: C**

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

**Correct Answers: B**

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.

**Correct Answers: B**

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.

**Correct Answers: D**

9: Identify the SAN topology that provides best performance and scalability.

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

**Correct Answers: B**

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

**Correct Answers: A**

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

**Correct Answers: D**

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

**Correct Answers: A B C**

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

**Correct Answers: B**

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.

**Correct Answers: D**

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.

**Correct Answers: A B**