

**Exam : Network Appliance NS0-301**

**Title : Network Appliance Certified  
Solution Architect-SAN**

**Version : Demo**

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1. 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: AB**

2. What could a G\_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: D**

3. What type of zoning is based on the physical port you are connected to?

- A.hard
- B.port
- C.soft
- D.physical

**Answer: A**

4. Which characteristic differentiates an iSCSI HBA from a NIC card?

- A.larger frame size
- B.2 Gb/s rate
- C.link aggregation
- D.TCP offload

**Answer: D**

5. Which two are advantages of an IP SAN as it compares to FC SAN? (Choose two.)

- A.It uses well-understood technologies such as SCSI and Ethernet.
- B.It provides faster failover.
- C.It has lower cost per switch port.
- D.It provides lower propagation delay.

**Answer: AC**

6. Select the appropriate IP protocol that uses Service Location Protocol (SLP) protocol for discovery and management.

- A.iFCP
- B.FCIP
- C.iSCSI
- D.AoE

**Answer: C**

7. Which three are benefits of both FC and iSCSI SAN? (Choose three.)

- A.Enables storage consolidation.
- B.Servers can be backed up to the same Tape Library or VTL.
- C.Enables server consolidation.
- D.Disk Arrays appear as autonomous file servers.

**Answer: ABC**

8. Select two advantages an iSCSI SAN has over a Fibre Channel SAN. (Choose two.)

- A.An iSCSI SAN can take advantage of existing IP infrastructure components.
- B.An iSCSI SAN provides a more affordable solution for cost-sensitive environments.
- C.An iSCSI SAN has lower latency than a Fibre Channel SAN.
- D.An iSCSI SAN provides higher storage utilization than a Fibre Channel SAN.

**Answer: AB**

9. The only way to implement iSCSI is by using an iSCSI HBA. (True or False?)

- A. True

B. False

**Answer: B**

10. 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: ABC**

11. A NetApp storage controller can simultaneously serve data to hosts using NFS, CIFS, HTTP, FTP, FCP, and iSCSI. (True or False?)

A. True

B. False

**Answer: A**

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

A.200%

B.100%

C.50%

D.0%

**Answer: D**

13. A LUN on the NetApp storage controller can be accessed by either FCP or iSCSI. (True or False?)

A. True

B. False

**Answer: A**

14. Snapshots will cause I/O performance degradation for LUNs on a NetApp storage controller. (True or False?)

A. True

B. False

**Answer: B**

15. 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**

16. What is the read/write ratio used in a copy-on-write (COW) snapshot?

A.1:1 (one read, one write)

B.2:1 (two reads, one write)

C.1:3 (one read, three writes)

D.1:2 (one read, two writes)

**Answer: D**

17. Select the difference between an iSCSI LUN and a FC LUN.

A.There is no difference.

B.FC LUNs have different serial numbers than iSCSI LUNs.

C.iSCSI LUNs snapshots take longer than FC LUNs snapshots.

D.A FC LUN is bigger and consumes more space than an iSCSI LUN.

**Answer: A**

18. 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**

19. Which command will show you what FCP host HBAs are logged into the NetApp Storage Controller?

A.fcp show initiator

B.fcp show adapter

C.fcp stats

D.fcp show cfmode

**Answer: A**

20. If you see the following error on the storage controller's console or messages file. Select the most probable cause.

ISCSI: iswta,

Authentication failed

for initiator

A.portal group misconfiguration

B.iSCSI CHAP misconfiguration

C.iSNS misconfiguration

D.port sets misconfiguration

**Answer: B**

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