



[Network Appliance NS0-301](#)

Exam Name: Network Appliance Certified Solution Architect-SAN

Q & A : 75 Q&As

Pdf Demo

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Exam : Network Appliance NS0-301

Title : Network Appliance Certified Solution Architect-SAN

1. 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

2. 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

3. 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

4. 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

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

- A. True
- B. False

Answer: B

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

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

Answer: D

7. 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

8. 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

9. 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

10. 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

11. 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

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: ABC

13. 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

14. 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

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

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

Answer: A

16. 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

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

- A. True
- B. False

Answer: B

18. 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

19. 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

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

A. True

B. False

Answer: A

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