



NS0-520^{Q&As}

NetApp Certified Implementation Engineer - SAN ONTAP

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QUESTION 1

You want configure namespaces to support NVMe over Fibre Channel (NVMe/FC) using ONTAP 9.8. Which action will accomplish this task?

- A. Add FC to the list of SVM protocols
- B. Remove any protocols from the SVM before adding the NVMe protocol
- C. Enable ALUA on the namespaces that should use the NVMe protocol
- D. Configure a LIF for the NVMe protocol

Correct Answer: D

Although ONTAP uses a NVMe/FC LIF that is separate from the FCP LIFs, both LIFs can be hosted on the same physical HBA port at both the host initiator and storage target.

NVMe/FC and FCP can

share the same physical infrastructure concurrently, so the same physical port, cable, switch port, and target port can simultaneously host and transmit both FCP and NVMe/FC frames

NVMe can use the same FC infrastructure, but it needs to create a separate NVMe LIF to work.

You can find more information on this link:

<https://www.netapp.com/de/media/10681-tr4684.pdf> (14)

QUESTION 2

An administrator is asked to provision a SAN environment in which host applications can monitor LUN space and performance space reclamation.

Which LUN type would satisfy these requirements?

- A. SCSI thick provisioned LUN
- B. SCSI thin provisioned LUN
- C. NetApp thin provisioned volume
- D. NetApp thick provisioned volume

Correct Answer: B

Automatic host-side space management with SCSI thinly provisioned LUNs If your host supports SCSI thin provisioning, you can enable the space-allocation option in ONTAP to turn on automatic host-side space management.

You can find more information on this link:

<https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-sanag%2FGUID-93D78975-6911-4EF5-BA4E-80E64B922D09.html>



QUESTION 3

Exhibit.

```
Vserver Name: AFF_SAN_DEFAULT_SVM
  LUN Path: /vol/OraFinProd_oradata_OraFinProd_1/oradata_OraFinProd_1
  Volume Name: OraFinProd_oradata_OraFinProd_1
  Qtree Name: ""
  LUN Name: oradata_OraFinProd_1
  LUN Size: 2.50GB
  OS Type: linux
  Space Reservation: disabled
  Serial Number: 807Jd|I3aoSX
  Serial Number (Hex): 3830374a645d4933616f5358
  Comment:
  Space Reservations Honored: false
  Space Allocation: enabled
  State: online
  LUN UUID: 6b328b3e-889e-4512-a62b-6e830a22861b
  Mapped: mapped
  Block Size: 512
```

The exhibit shows the `lun show` command output for the oradata oraFinProd_I LUN.

Which two statements are correct about the LUN? (Choose two.)

- A. The LUN is thick provisioned.
- B. The LUN supports SCSI Thin unmap.
- C. The LUN type is Windows.
- D. The LUN is thin provisioned.

Correct Answer: BD

QUESTION 4

You create a new iSCSI SVM and secure iSCSI sessions by using both Challenge- Handshake Authentication Protocol (CHAP) and iSCSI Access Control Lists (ACL). In this scenario, in which two ways are you securing your iSCSI implementation? (Choose two.)

- A. CHAP creates a hash value for the username and shared secret.
- B. iSCSI ACLs are applied to the initiator configuration to provide an IP address of the targets.
- C. CHAP encrypts all iSCSI session I/O.
- D. iSCSI ACLs are applied to the target configuration to provide an IP address of the initiators.

Correct Answer: AD

QUESTION 5



An administrator needs to connect a new VMware 6.5 cluster to an ONTAP cluster for iSCSI connectivity. Which two steps would accomplish this task? (Choose two.)

- A. Enable iSCSI adapters on the ESXi hosts.
- B. Install the Virtual Storage Console for VMware vSphere.
- C. Configure zoning for the HBAs and the ONTAP data LIFs.
- D. Configure ALUA on the ONTAP SVM.

Correct Answer: AD

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