

DUMPS ARENA

NetApp Certified Implementation Engineer - SAN Specialist ONTAP

Network Appliance NS0-520

Version Demo

Total Demo Questions: 10

Total Premium Questions: 60

Buy Premium PDF

<https://dumpsarena.co>

sales@dumpsarena.co

sales@dumpsarena.co
dumpsarena.co

QUESTION NO: 1

You are installing an AFF A250 system with ONTAP 9.8 software. Your customer asks you about the recommended LIF configuration for the iSCSI protocol.

In this scenario, which two statements are correct? (Choose two.)

- A. Each node in an iSCSI configuration must be connected to a minimum of two Ethernet switches.
- B. Each SVM in an iSCSI configuration must have a minimum of two LIFs per node.
- C. All LIFs from the SVM are connected to a single Ethernet switch.
- D. Each SVM in an iSCSI configuration must have a minimum of one LIF per node.

ANSWER: A C**Explanation:**

Reference: <https://docs.netapp.com/us-en/ontap/san-admin/configure-svm-iscsi-task.html>

Configure an SVM for iSCSI

10/14/2021 | Contributors

To configure a storage virtual machine (SVM) for iSCSI, you must create LIFs for the SVM and assign the iSCSI protocol to those LIFs.

About this task

You need a minimum of one iSCSI LIF per node for each SVM serving data with the iSCSI protocol. For redundancy, you should create at least two LIFs per node.

QUESTION NO: 2

You have a 100 GB volume with the space guarantee set to volume. This volume contains two space reserved 20 GB LUNs. Both LUNs are at 50% use. You then create a Snapshot copy of the volume. No modifications were performed since the Snapshot copy was completed, and all actions were performed using the CLI.

In this scenario, how much free space does the volume have?

- A. 80 GB
- B. 40 GB
- C. 20 GB
- D. 60 GB

ANSWER: C

QUESTION NO: 3

Click the Exhibit button.

```
zone name auto_transition_igroup_d31_194bf3 vsan 10
member pwn 21:00:00:c0:dd:19:4b:f3
member pwn 50:0a:09:84:8d:7c:51:d5
member pwn 20:07:00:a0:98:32:99:07
member pwn 20:09:00:a0:98:32:99:07
```

Referring to the exhibit, which WWPN would safely be removed from the zone?

- A. 20:09:00:a0:98:32:99:07
- B. 50:0a:09:84:8d:7c:51:d5
- C. 20:07:00:a0:98:32:99:07
- D. 21:00:00:c0:dd:19:4b:f3

ANSWER: D

QUESTION NO: 4

Click the Exhibit button.

```
>vservers nvme subsystem show
Vservers Subsystem Target NQN
-----
test0 test0_subsystem nqn.1992-08.com.netapp:sn.87b3c578feeb11e794f200a098b3f653:subsystem.test0_subsystem
test1 test1_subsystem nqn.1992-08.com.netapp:sn.5b584a86fa6411e794f200a098b3f653:subsystem.test1_subsystem
test2 test2_subsystem nqn.1992-08.com.netapp:sn.12fea223fa6411e794f200a098b3f653:subsystem.test2_subsystem
test3 test3_subsystem nqn.1992-08.com.netapp:sn.298aa4f6feeb11e794f200a098b3f653:subsystem.test3_subsystem

# nvme discover --transport=fc --traddr=nn-0x203f00a098b3f7a7:spn0x204000a098b3f7a7 --host-traddr=nn-0x200000109b1c0f82:spn-0x100000109b1c0f8f
Discovery Log Number of Records 1, Generation counter 17
=====Discovery Log Entry 0=====
trtype: fibre-channel
adrfam: fibre-channel
subtype: nvme subsystem
trg: not specified
portid: 0
trsvcid: none
subnqn: nqn.1992-08.com.netapp:sn.5b584a86fa6411e794f200a098b3f653:subsystem.test1_subsystem
traddr: nn-0x203f00a098b3f7a7:spn-0x204000a098b3f7a7
```

During testing, an administrator notices that the wrong subsystem was returned using the `nvme discover` command. The administrator was expecting `test0_subsystem` as the subsystem.

Referring to the exhibit, what would cause this discrepancy?

- A. The wrong NQN was mapped to the subsystem.
- B. The wrong WWPN was used in the discover command.
- C. The NVMe was not configured on the test0 SVM.
- D. Asymmetric Namespace Access (ANA) was not properly configured.

ANSWER: D

QUESTION NO: 5

In a Linux environment, issues are reported concerning multipathing. You want to view the direct and indirect paths.

In this scenario, which command would you use to accomplish this task?

- A. Use the `lspci` command.
- B. Use the `sanlun` command.
- C. Use the `systemctl` command.
- D. Use the `ifconfig` command.

ANSWER: C

Explanation:

Reference: <https://www.netapp.com/media/10507-tr4639.pdf>

QUESTION NO: 6

What are two considerations when creating a physical Reference: drawing for adding an ASA AFF A700 system to your existing FC SAN environment? (Choose two.)

- A. switch connectivity
- B. available cooling
- C. available rack space
- D. hardware compatibility

ANSWER: C D

QUESTION NO: 7

During maintenance of an AFF A250 node, you want to move the SAN LIFs that are members of a port set.

In this scenario, which two statements are true? (Choose two.)

- A. You need to disable the zoning of the LIF WWPN.
- B. You must disable SLM for the node that hosts the LIF.
- C. You must take the SAN LIF offline.
- D. The LIF must be removed from the port set.

ANSWER: C D

Explanation:

Reference: <https://docs.netapp.com/us-en/ontap/san-admin/move-san-lifs-task.html>

If a node needs to be taken offline, you can move a SAN LIF to preserve its configuration information, such as its WWPN, and avoid rezoning the switch fabric. Because a SAN LIF must be taken offline before it is moved, host traffic must rely on host multipathing software to provide nondisruptive access to the LUN. You can move SAN LIFs to any node in a cluster, but you cannot move the SAN LIFs between storage virtual machines (SVMs).

What you'll need

If the LIF is a member of a port set, the LIF must have been removed from the port set before the LIF can be moved to a different node.

About this task

The destination node and physical port for a LIF that you want to move must be on the same FC fabric or Ethernet network. If you move a LIF to a different fabric that has not been properly zoned, or if you move a LIF to an Ethernet network that does not have connectivity between iSCSI initiator and target, the LUN will be inaccessible when you bring it back online.

QUESTION NO: 8

Click the Exhibit button.

```
# cat /etc/nvme/hostnqn
nqn.2014-08.org.nvmexpress:uuid:75953f3b-77fe-4e03-bf3c-09d5a156fbcd

*> vserver nvme subsystem host show -vserver vs_nvme_10
Vserver Subsystem Host NQN
-----
rhel_141_nvme_ss_10_0
nqn.2014-08.org.nvmexpress:uuid:3ca559e1-5588-4fc4-b7d6-5ccfb0b9f054
```

In an NVMe/FC environment, the host cannot discover the namespace on the AFF system.

Referring to the exhibit, what is the problem?

- A. The NQN is not correct.
- B. The host MPIO drivers are not installed.
- C. NVMe is not supported on the FC adapter.
- D. The NVMe service is not running on the SVM.

ANSWER: B

Explanation:

Reference: <https://www.netapp.com/media/10681-tr4684.pdf>

QUESTION NO: 9

You are configuring a Windows Server 2019 system to attach to an iSCSI presented LUN. There are multiple physical paths from the Windows Server to the NetApp cluster. Which two changes are required to the Windows Server to enable multipath? (Choose two.)

- A. Add a Converged Network Adapter (CNA).
- B. Add the Ethernet network adapter.
- C. Select the "Enable multi-path" checkbox on the iSCSI software initiator.
- D. Enable MPIO by selecting the option in the MPIO properties administrative application.

ANSWER: A D

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-sanhost/hu_windows_2019.html#booting-the-os

SAN booting

If you opt to use SAN booting, it must be supported by your configuration. You can use the NetApp Interoperability Matrix Tool to verify that your OS, HBA, HBA firmware and the HBA boot BIOS, and ONTAP version are supported.

1. Map the SAN boot LUN to the host.
2. Verify multiple paths are available. Remember, multiple paths will only be available after the host OS is up and running on the paths.
3. Enable SAN booting in the server BIOS for the ports to which the SAN boot LUN is mapped. For information on how to enable the HBA BIOS, see your vendor-specific documentation.
4. Reboot the host to verify the boot is successful.

QUESTION NO: 10

Which two components should be installed to support VMware VMFS6 datastores in an environment with only Ethernet switches? (Choose two.)

- A. Host Utilities
- B. NetApp Virtual Storage Console
- C. V_StorageAttach license
- D. iSCSI license

ANSWER: B D

Explanation:

Reference: https://docs.netapp.com/us-en/netapp-solutions/pdfs/sidebar/VMware_vSphere_with_ONTAP_Best_Practices.pdf