



NS0-509^{Q&As}

NetApp Certified Implementation Engineer - SAN - ONTAP

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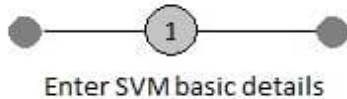


QUESTION 1

Click the Exhibit button.

Question | **Exhibit**

Storage Virtual Machine (SVM) Setup



SVM Details

? Specify a unique name and the data protocols for the SVM

SVM Name:

? IPspace: v

? Data Protocols: CIFS NFS iSCSI FC/FCoE

? Default language: v

The language of the SVM specifies the default language encoding setting for the SVM and its volumes. Using a setting that incorporates UTF-8 character encoding is recommended.

? Security Style: v

Root Aggregate: v

DNS Configuration

Specify the DNS domain and name servers. DNS details are required to configure the CIFS protocol.

? Search Domains:

? Name Servers:

Referring to the exhibit, which two elements are required for NVMe host access with ONTAP 9.5 and using supported AFF nodes? (Choose two.)

- A. You need 16 Gb FC HBAs installed in the AFF nodes.
- B. You must have the license installed for NVMe support in the cluster.



- C. You must have the license installed for FC support in the cluster.
- D. You need 32 Gb FC HBAs installed in the AFF nodes.

Correct Answer: CD

QUESTION 2

A company has 20 ESX hosts. Ten of the hosts are connected using FC, and the rest are connected over iSCSI. The FC host HBA queue depth is set to 32, and the iSCSI LUN queue depth is set to 64. The FC hosts are now experiencing random connectivity issues.

In this scenario, what would be the reason for the disconnects?

- A. The FC host has a lower queue depth.
- B. According to the IMT, unsupported HBA firmware is in use.
- C. All of the hosts are part of the same cluster.
- D. The queue depth is not consistent across the cluster.

Correct Answer: A

Reference: <https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-sanconf%2FGUID-A055B184-0876-4376-9C75-35FE8C9BE832.html>

QUESTION 3

You are testing iSCSI LUN failover across a 4-node FAS9000 fabric-attached MetroCluster configuration.

In this scenario, which front end configuration is required for nondisruptive host LUN failover between sites?

- A. an intercluster LIF
- B. a stretched Layer 2 network
- C. IPv6
- D. a stretched VSAN

Correct Answer: A

QUESTION 4

A customer experiences intermittent connectivity problems between an ESXi server and FC LUNs in an SVM. The customer has examined the nodes hosting the LUNs and both the disk and CPU performance are below 50% utilization. The customer examined the switch ports connected to the storage array, and they are also below 50% utilization. Which two steps would you perform next in this scenario? (Choose two.)

- A. Verify that the host is using SnapDrive.



- B. Verify that the host Ethernet interfaces are using jumbo frames.
- C. Verify that the host recommended settings were applied by Virtual Storage Console.
- D. Verify that the HBA queue depth is set properly.

Correct Answer: CD

QUESTION 5

Click the Exhibit button.

```
switch# show npv status
```

```
npiv is enabled
```

```
External Interfaces:
```

```
=====
```

```
Interface: ext17, FCID: 0x000000, State: Failed(neighbor on the upstream port is not fabric)
```

```
Number of External Interfaces: 3
```

An administrator is trying to configure a multiple-hop Cisco MDS switch and is receiving the error shown in the exhibit.

In this scenario, which action will solve this problem?

- A. Configure the physical link of interface ext17 as an F_Port.
- B. Configure the external interface to a different virtual SAN (VSAN) on both ends.
- C. Connect the external link to a Cisco MDS switch.
- D. Turn N_Port ID virtualization (NPIV) off.

Correct Answer: C

Reference: https://www.cisco.com/en/US/products/ps5989/prod_troubleshooting_guide_chapter09186a00808c82f1.html

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