



# NS0-509<sup>Q&As</sup>

NetApp Certified Implementation Engineer - SAN - ONTAP

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### QUESTION 1

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](https://www.cisco.com/en/US/products/ps5989/prod_troubleshooting_guide_chapter09186a00808c82f1.html)

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### QUESTION 2

On your ONTAP 9.5 cluster, you need to set up the onboard key manager with hardware-based security and volume encryption.

Which two licenses are required in this situation? (Choose two.)

- A. FDE
- B. TPM
- C. VE
- D. RSA

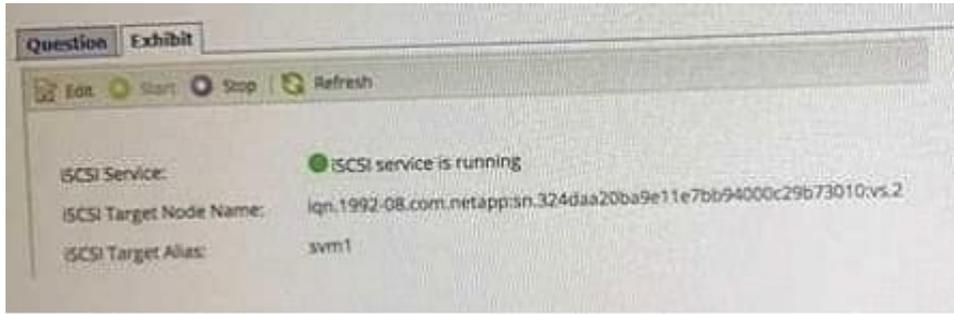
Correct Answer: CD

---

### QUESTION 3



Exhibit.



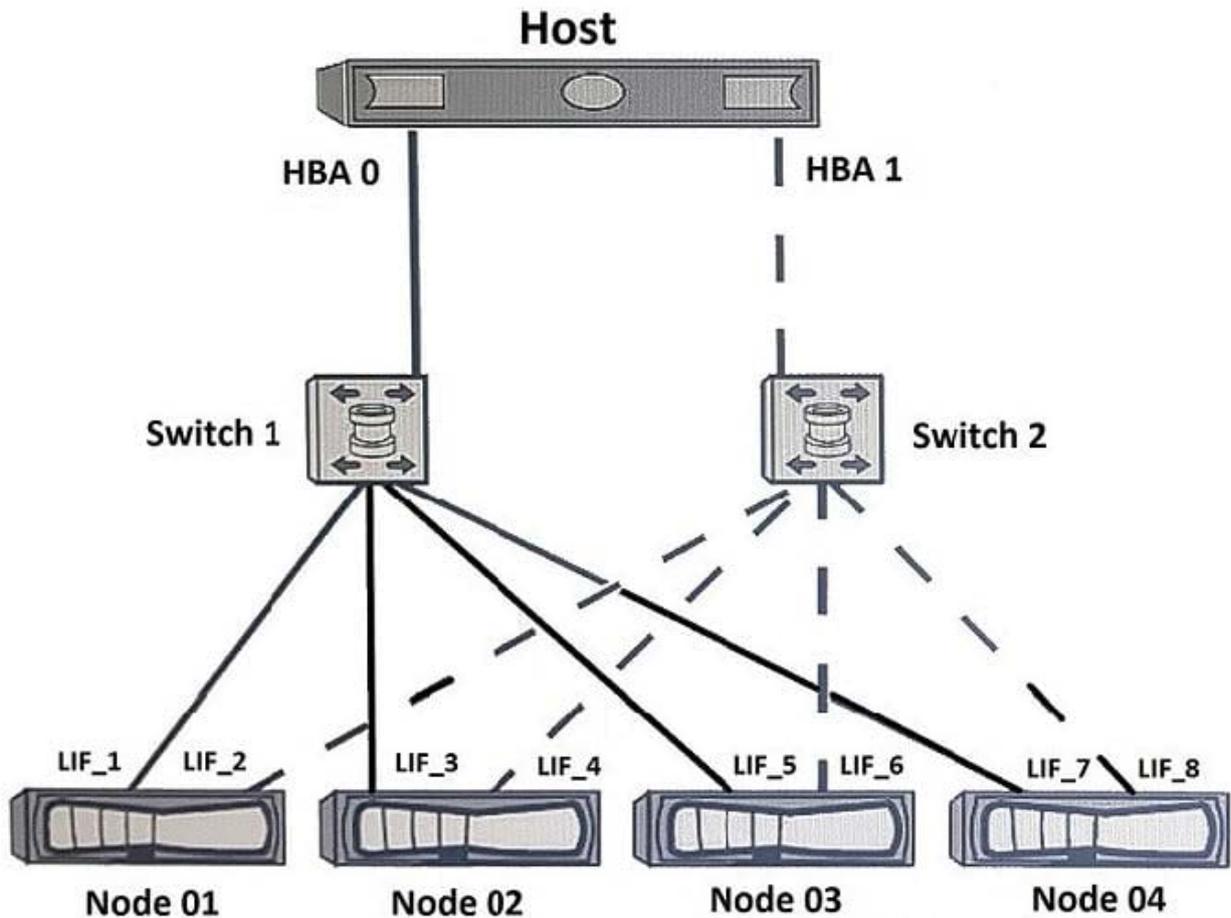
You are asked to change the iSCSI Target Node Name of an SVM named SVM1 that is serving data. Referring to the exhibit, which two statements are correct? (Choose two.)

- A. Reconnect all the IUNs after renaming the target node.
- B. Disable Selective LUN Mapping (SIM) and create port sets.
- C. Unmap and re-map the LUNs.
- D. Stop and start the iSCSI service.

Correct Answer: CD

#### QUESTION 4

Click the Exhibit button.



You have a LUN owned by Node 01 and mapped using the default Selective LUN Map (SLM) configuration. You want to enable your host to access this LUN and facilitate future maintenance.

Which best-practice zone configuration accomplishes this task?

- A. Zone 1: HBA 0, LIF\_1, LIF\_3, LIF\_5 and LIF\_7  
Zone 2: HBA 1, LIF\_2, LIF\_4, LIF\_6 and LIF\_8
- B. Zone 1: HBA 0, HBA 1, LIF\_1, LIF\_2, LIF\_3, LIF\_4, LIF\_5, LIF\_6, LIF\_7, LIF\_8
- C. Zone 1: HBA 0, LIF\_1, LIF\_3  
Zone 2: HBA 1, LIF\_2, LIF\_4
- D. Zone 1: HBA 0, HBA 1, LIF\_1, LIF\_2, LIF\_3, LIF\_4

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D



**QUESTION 5**

Click the Exhibit button.

**Question**   **Exhibit**

```

ONTAP Path: AFF_SAN_DEFAULT_SVM:/vol/OraDev_Vol/OraDev
LUN: 0
LUN Size: 65g
Product: cDOT
Host Device: 3600a09803830374a645d4933616f5275
Multipath Policy: service-time 0
Multipath Provider: Native
  
```

host path state	vserver path type	/dev/ node	host adapter	vserver LIF
up	primary	sdf	host2	aff_node-01_0e_A
up	primary	sdb	host1	aff_node-01_0g_A
up	secondary	sdd	host1	aff_node-02_0g_A
	secondary	sdh	host2	aff_node-02_0e_A

Referring to the exhibit, which two LIFs would be optimized paths to LUN /vol/OraDev\_Vol/OraDev? (Choose two.)

- A. aff\_node-01\_0g\_A
- B. aff\_node-02\_0e\_A
- C. aff\_node-02\_0g\_A
- D. aff\_node-01\_0e\_A

Correct Answer: AD

Reference: <https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-sanag%2FGUID-435489AE-7FB4-4178-BDEB-C6FC528860BD.html>