



# NS0-520<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

Your customer asks you how to connect a host for SAN access to the newly installed AFF A400 system. In this scenario, which two statements are correct? (choose two)

- A. Direct Connection to the nodes from the hosts with iSCSI is supported
- B. Direct Connection to the nodes from the hosts with iSCSI is not supported
- C. Direct Connection to the nodes from the hosts with FC is not supported
- D. Direct Connection to the nodes from the hosts with FC is supported

Correct Answer: AC

iSCSI-Direct-attachment: In a direct-attached configuration, one or more hosts are directly connected to the controllers.

You cannot directly attach FC or FC-NMVE SAN hosts to single nodes without using an FC switch.

You can find more information on this link:

<https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm->



sanconf%2FGUID-193CC377-5C6F-4D3C-B42E-CE71AB6AA77F.html

### QUESTION 3

Exhibit.

**Move Volume**

**Source Volume**

Name: vol\_sqldb01\_prod  
Committed Size: 296 KB  
Aggregate: aff\_01\_aggr1  
Storage Type: SSD

**Destination Aggregate**

Name	Available Space	Total Space	Storage Type	FabricPool
Aggr_Azure	1.9 TB	1.91 TB	SSD	Yes
Aggr_Data	935.75 GB	1.91 TB	SSD	No
Aggr_ECME	1.01 TB	1.01 TB	SSD	Yes

Tiering Policy: snapshot-only

Tell me more about external capacity tier and tiering policies.

**Source Aggregate Space**

	Available Before Move	Available After Move
Data	11.17 TB	11.17 TB
Capacity Tier	Used Before Move: -NA-	Used After Move: -NA-

**Destination Aggregate Space**

	Available Before Move	Available After Move
Data	935.75 GB	935.75 GB
Capacity Tier	Used Before Move: -NA-	Used After Move: -NA-

Know more about the changes in volume settings on the destination aggregate.

Move Cancel

You are moving volumes between aggregate aft\_01\_aggr1 and the aggregate Aggr\_Data shown in the exhibit.

How much space will be moved?

- A. 11.17 TB
- B. 935.75 GB



- C. 296 KB  
D. 1. 91 TB

Correct Answer: C

#### QUESTION 4


**Question** | Exhibit


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**Volume: ESX2\_NVMe\_volume\_944** [Back to all volumes](#) [Edit](#) [Delete](#) [More actions](#) [Refresh](#)

[Overview](#) [Snapshots Copies](#) [Data Protection](#) [Storage efficiency](#) [Performance](#)

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Before 

After 

**Details**

Deduplication	Enabled (inline)
Deduplication Mode	none
Status	idle
Type	regular
Compression	Enabled (inline)

**Last Details**

Last Run	Aug/24/2018 23:56:57
Total Savings	2.77 GB (22%)
	1.14 GB (9%) - Deduplication Savings
	1.63 GB (13%) - Compression Savings
Start Time	Aug/24/2018 23:56:57
End Time	Aug/24/2018 23:56:57

Which two storage efficiencies have been enabled on the NVMe namespace that is shown in the exhibit? (Choose two.)

- A. deduplication  
B. compaction  
C. compression  
D. thin provisioning

Correct Answer: B

#### QUESTION 5

Exhibit.



The screenshot shows the VMware ESX host configuration interface. The 'Storage Adapters' tab is selected, displaying a list of storage adapters. Below this, a terminal window shows the output of the 'fcp initiator show' command.

Device	Type	WWN
vmhba32	Block SCSI	
vmhba33	Block SCSI	
vmhba34	Block SCSI	
vmhba35	Block SCSI	
vmhba36	Block SCSI	
vmhba37	Block SCSI	
vmhba38	Block SCSI	
vmhba39	Block SCSI	
2600 Series 16Gb Fibre Channel to PCI Express HBA		
vmhba2	Fibre Channel	20:00:00:0e:1e:e2:e0 21:00:00:0e:1e:e2:e1
vmhba3	Fibre Channel	20:00:00:0e:1e:e2:e1 21:00:00:0e:1e:e2:e1

VMware	Logical Interface	Port Address	Initiator WWN	Initiator WWPN	Igroup
vm1	fcp-lif-0f	000001	20:00:00:0e:1e:e2:e0	20:00:00:0e:1e:e2:e0	vm1-igroup1-xxx
vm1	fcp-lif-1a	000001	20:00:00:0e:1e:e2:e0	20:00:00:0e:1e:e2:e0	vm1-igroup1-xxx
vm1	fcp-lif-0g	000001	20:00:00:0e:1e:e2:e1	20:00:00:0e:1e:e2:e1	
vm1	fcp-lif-5d	000001	20:00:00:0e:1e:e2:e1	20:00:00:0e:1e:e2:e1	

The VMware ESX host discovers only two of four paths to a LUN on a new ONTAP cluster.

Referring to the exhibit, which statement is correct?

- A. The fabric zoning configuration does not allow access to the target LIFs.
- B. The igroup does not contain the WWPN of one initiator.
- C. The fabric name server is disabled.
- D. The initiator HBA is not connected to the fabric.

Correct Answer: D

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