



Vendor: Network Appliance

Exam Code: NS0-506

Exam Name: NetApp Certified Implementation Engineer -
SAN, Clustered Data ONTAP

Version: DEMO

QUESTION 1

You are verifying multipathing from the host to the storage controller.
Which three components should you verify? (Choose three.)

- A. Verify that all switch ports connected to the hosts and storage devices are online using the vendor's GUI.
- B. Verify that both FC HBA ports in the host are online using the HBA vendor's GUI.
- C. Verify that the FC HBAs WWNN's are in the igroup in the SVM.
- D. Verify that the SVM's LIFs being used for multipathing are attached to the correct same physical FC port.
- E. Verify that the storage controller FC target ports status are online with the switch port showing the FC switch to which they are connected.

Answer: ADE

QUESTION 2

Click the Exhibit button. Referring to the exhibit, which entry is appropriate to add to a zone on the FC switch?

The screenshot shows a configuration window for FC/FCoE. On the left is a tree view with 'Cluster' and 'Storage Virtual Machines' expanded. Under 'Storage Virtual Machines', 'innovate' is selected, and 'FC_1' is expanded. On the right, the 'FC/FCoE' configuration page is shown. It includes a status bar indicating 'FC/FCoE service is running' and a WWNN of '20:05:00:a0:98:29:18:76'. Below this is a table titled 'FC/FCoE Interfaces:'.

Network Interface	WWPN	Current Port	Status
FC_1_1	20:10:00:a0:98:29:18:76	innovate-01:0b	Enabled
FC_2_1	20:11:00:a0:98:29:18:76	innovate-02:0b	Enabled
FC_1_2	20:04:00:a0:98:29:18:76	innovate-02:0a	Enabled
FC_2_2	20:03:00:a0:98:29:18:76	innovate-01:0a	Enabled

- A. 20:05:00:a0:98:29:18:76
- B. 20:10:00:a0:98:29:18:76
- C. 20:14:00:a0:98:29:18:76
- D. 50:10:00:a0:98:29:18:76

Answer: A

QUESTION 3

A customer has recently deployed a clustered Data ONTAP 8.3 system and is trying to mount LUNs to a Windows 2012 Server using the iSCSI protocol. They have enabled jumbo frames on their nodes as well as their Windows 2012 Server. Whenever they attempt to scan for a new LUNs, Disk Management times out and does not present any new storage. What is causing the problem?

- A. Windows 2012 does not support jumbo frames with the iSCSI protocol.
- B. Clustered Data ONTAP 8.3 does not support the iSCSI protocol.
- C. They have jumbo frames enabled on the host and storage, but not the Ethernet switches.

D. Clustered Data ONTAP 8.3 does not support jumbo frames with the iSCSI protocol.

Answer: C

QUESTION 4

You have a new FAS8080EX 2-node cluster.

The FC switch ports connected to the onboard UTA2 ports will not come online.

Which two node-based issues would cause the problem? (Choose two.)

- A. The UTA2 ports are set to target.
- B. The UTA2 ports have 10 GB SFP+ optics installed.
- C. The UTA2 ports have 16 GB SFP+ optics installed.
- D. The UTA2 ports are in cna mode.

Answer: AD

QUESTION 5

You successfully migrated LUNs accessed over FC from a 7-Mode system to clustered Data ONTAP 8.3.

Your Windows 2012 Server is unable to see the new LUNs.

What are three reasons for this problem? (Choose three.)

- A. The IQN is not included in this group.
- B. Switch zoning is misconfigured.
- C. NPIV is not enabled on the switch.
- D. You have no portsets.
- E. The host is directly attached to the cluster nodes.

Answer: BCE

QUESTION 6

You recently configured your SVM to serve data with the FC protocol by issuing the following commands:

```
vserver fcp create -vserver vs1 -status-admin-up
network interface create -vserver vs1 -lif lif1 -role data -data-protocol fcp -home-node
node_name -home-port port
```

However, your LIF still shows an operational status of down.

What must you do to change the operational status to up?

- A. Configure zoning on the switch.
- B. Create a LIF on the node's HA partner.
- C. Add the LIF to a igroup.
- D. License and enable the FC service.

Answer: D

Explanation:

<https://library.netapp.com/ecmdocs/ECMP1636035/html/GUID-6A7F68E8-A046-40E1-02B15049F14C.html>

QUESTION 7

You have an iSCSI host that is unable to connect to an SVM named svm1 over a LIF name lif1. The home node and port of lif1 is port e0e.

The event log show command displays the error ISCSI:

```
network interface disabled for use; incoming connection discarded.
```

Which command would you use to resolve the problem?

- A. vserver iscsi create -target-alias svm1 -status-admin up -vserver svm1
- B. broadcast-domain add-ports -broadcast-domain iscsi -ports cl01-01:e0e
- C. network interface modify -vserver svm1 -lif lif1 -failover-group Default
- D. iscsi interface enable -vserver svm1 -lif lif1

Answer: D

QUESTION 8

You have a switch called NK5-A configured with an NP_Port.

Which switch feature on NK5-A uses NP_Ports to allow for fabric expansion of new FC switches without having to designate additional domain IDs?

- A. F-port channel trunking
- B. FCIP
- C. NPIV
- D. NPV

Answer: D

QUESTION 9

You have a host with multiple initiator ports attaching to a single SAN LIF.

With this setup, which action is required?

- A. You must use host multipathing software.
- B. You must use an individual SAN LIF for each initiator port.
- C. You must use a portset.
- D. You must use a SAN LIF failover group.

Answer: A

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