



**Vendor:** Network Appliance

**Exam Code:** NS0-506

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

**Version:** DEMO

### QUESTION 1

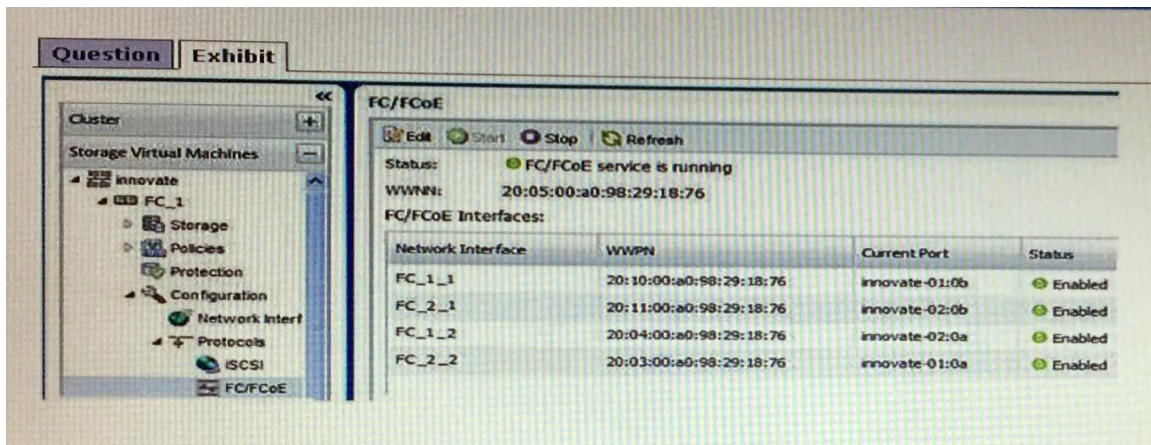
You are verifying multipathing from the host to the storage controller. Which three components should you verify? (Choose three.)

- 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. The main pane shows the 'FC/FCoE' configuration for 'innovate-FC\_1'. 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 of '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

A company has 50 ESXi hosts connected using FC to a single target port on a NetApp cluster.

Ten hosts are configured with an HBA queue depth of 128. Forty hosts are configured with an HBA queue depth of 32. They are experiencing performance problems with their FC LUNs.

Which two actions will resolve the problem? (Choose two.)

- A. Use VSC to set recommended values for the hosts.
- B. Reduce the HBA queue depth on the applicable HBAs.
- C. Add additional target ports to allow for greater initiator distribution.
- D. Increase the total queue depth on the NetApp cluster.

**Answer:** AC

#### QUESTION 6

You are planning to move to a newer clustered Data ONTAP version.

Which two resources should you review prior to the move? (Choose two.)

- A. Software Setup Guide
- B. IMT
- C. Upgrade Advisor
- D. System Administration Guide for Cluster Administrators

**Answer:** BC

**Explanation:**

<https://library.netapp.com/ecmdocs/ECMP1368868/html/GUID-9194A9CF-F7F8-48B5-82B0-D494D3D64105.html>

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