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**Exam** : **NS0-508**

**Title** : NetApp Certified  
Implementation Engineer —  
SAN, ONTAP

**Version** : DEMO

1.You are planning to expand an existing SAN only cluster consisting of eight AFF A700 nodes. In this scenario, that is the maximum number of additional AFF A700 nodes allowed for your cluster?

- A. 12
- B. 4
- C. 0
- D. 8

**Answer: C**

2.A customer has a host experiencing performance problems with its FC LUNs. 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.

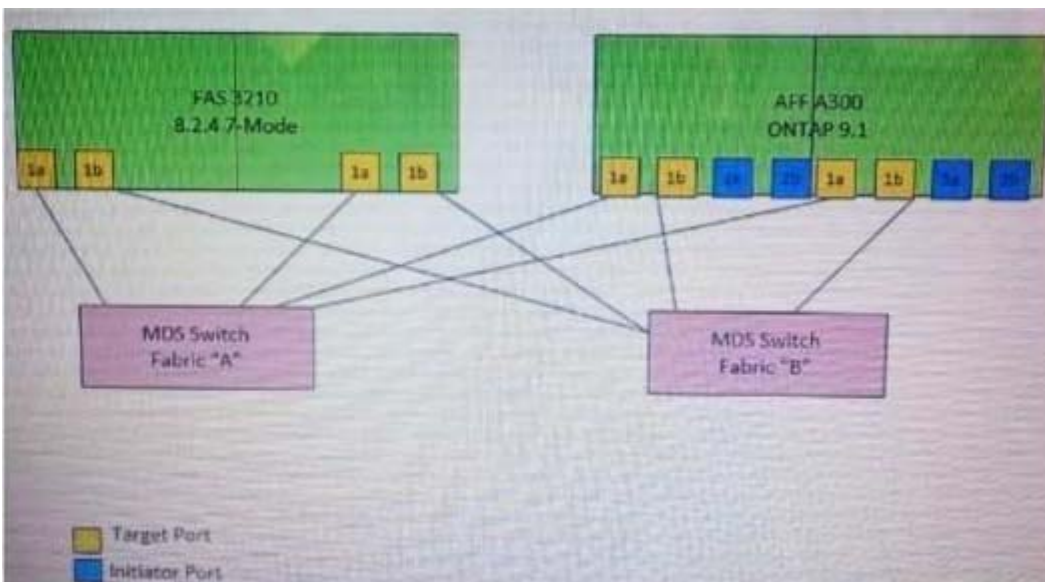
Which three should the customer verify? (Choose three.)

- A. that the host is running SnapDrive
- B. that the FC switch ports connected to the host have not exceeded the maximum capacity
- C. that the host Ethernet interfaces are using jumbo frames
- D. that the host HBA has the correct port settings
- E. that the HBA queue depth is set properly

**Answer: B**

3.An administrator has an existing FAS3210 running DATA ONTAP 8.2.4 7-mode. They have recently purchased and installed a new AFF A300 ONTAP cluster and need to non-disruptively migrate FC LUNs from the 7-mode system to the new cluster. The administrator has cabled the FC interfaces shown in the exhibit.

In this scenario, which additional cabling will be needed on the AFF A300 to support foreign LUN import 7-mode?



- A. AFF A300 node 1: interface 2a to MDS switch Fabric "A"
- AFF A300 node 1: interface 2b to MDS switch Fabric "A"
- AFF A300 node 2: interface 2a to MDS switch Fabric "B"
- AFF A300 node 2: interface 2b to MDS switch Fabric "B"

- B. AFF A300 node 1: interface 2a to MDS switch Fabric "A"
- AFF A300 node 1: interface 2b to MDS switch Fabric "B"
- AFF A300 node 2: interface 2a to MDS switch Fabric "A"
- AFF A300 node 2: interface 2b to MDS switch Fabric "B"
- C. AFF A300 node 1: interface 2a to MDS switch Fabric "B"
- AFF A300 node 1: interface 2b to MDS switch Fabric "B"
- AFF A300 node 2: interface 2a to MDS switch Fabric "B"
- AFF A300 node 2: interface 2b to MDS switch Fabric "B"
- D. AFF A300 node 1: interface 2a to MDS switch Fabric "A"
- AFF A300 node 1: interface 2b to MDS switch Fabric "A"
- AFF A300 node 2: interface 2a to MDS switch Fabric "A"
- AFF A300 node 2: interface 2b to MDS switch Fabric "A"

**Answer: D**

4. You have a large, heterogeneous SAN environment. You are asked to gather information for all hosts, HBAs, switches, and storage. You are also told that you must collect this information over network protocols without agents.

Which two NetApp tools allow you to perform this task? (Choose two.)

- A. OnCommand Insight
- B. OnCommand Unified Manager
- C. OnCommand Report
- D. nSANity

**Answer: AD**

5. You want to verify that a host will be able to see the storage. A LUN is mapped to an igroup for the host, and both the host and storage are connected to FC switches.

Which command will provide the path status information from the switch?

- A. cfgshow
- B. fcping
- C. zoneshow
- D. configure

**Answer: B**