

# NS0-182<sup>Q&As</sup>

NetApp Certified Storage Installation Engineer, ONTAP

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### QUESTION 1

You completed the installation of an AFF A700s with NetApp CN1610 switches. You used ports e0a and e0f with breakout cables to connect the controllers to the interconnect switches. After completing the cluster setup, ports e0e and e0i are not visible in OnCommand System Manager.

In this scenario, what caused this problem?

- A. Breakout cables were used and the second port on the same ASIC became disabled.
- B. This is a hardware error and you must open a case with NetApp Support.
- C. You must first enable the ports using the network port modify command.
- D. You are missing a license to enable those ports.

Correct Answer: C

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### QUESTION 2

You are dispatched to install a new cluster with six AFF A300 nodes. While running Config Advisor, you determine that there is a newer firmware version for 48 SSDs.

Which statement is correct in this scenario?

- A. Prior to leaving the site, tell the customer that a later firmware exists for those disk drives, but that the upgrade will provoke downtime.
- B. Unless the customer advises otherwise, upgrade the firmware on the SSDs to clear the Config Advisor error.
- C. Prior to leaving the site, advise the customer that the firmware is included in the version of ONTAP that they downloaded.
- D. Unless the customer advises otherwise, leave the firmware alone and document the version of ONTAP being used to explain the issue.

Correct Answer: C

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### QUESTION 3

You are preparing for a new installation. While determining the most suitable version of ONTAP software to deploy, you want to verify the ONTAP 9 release cadence to ensure that you are deploying a Long Term Service (LTS) release.

In this scenario, where would you find this information?

- A. Visit the NetApp Support site.
- B. Visit the ONTAP 9 Documentation Center site.
- C. Visit the Interoperability Matrix Tool site.

D. Visit the Hardware Universe site.

Correct Answer: B

Reference: <https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.onc-sm-help-950%2FGUID-E8810DD9-B64D-41AB-A089-2B15E862CEA9.html>

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#### QUESTION 4

You installed a new AFF A800 2-node ONTAP 9.5 cluster and are asked to run diagnostics to validate the hardware.

Which command is used from the loader prompt to enter diagnostics?

A. printenv

B. savenv

C. sldiag

D. boot\_diags

Correct Answer: D

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#### QUESTION 5

You are asked to install a 2-node FAS2554 cluster running ONTAP 9.5. The controller arrived with ONTAP 9.0 installed.

In this scenario, which two tools would be used to complete this upgrade for this installation? (Choose two.)

A. HTTP server

B. SMTP server

C. FTP server

D. SNMP server

Correct Answer: AC

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#### QUESTION 6

What is the minimum number of iSCSI LIFs per node in ONTAP 9.5?

A. 2

B. 3

C. 1

D. 4

Correct Answer: A

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#### QUESTION 7

You are installing a new cluster with a pair of NetApp CN1610 switches.

Which three statements describe how the ports are configured according to NetApp best practices? (Choose three.)

- A. Port 13-16 are designated as cluster host ports.
- B. All ports have standard frames enabled.
- C. Ports 13-16 are designated as Inter-Switch Links (ISLs).
- D. Ports 1-12 are designated as cluster host ports.
- E. All ports have jumbo frames enabled.

Correct Answer: CDE

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#### QUESTION 8

You complete a hardware installation on a CN1610 switch and establish a serial connection to the RJ45 port.

In this scenario, the established serial connection allows the installer to complete which two tasks for the switches initial configuration? (Choose two.)

- A. to view network information that has been dynamically assigned to the management interface by the DHCP server on the network
- B. to use the serial port connection as a diagnostic channel to the second CN1610 switch in the cluster interconnect
- C. to configure the switch with another CN1610 switch using Cross-Stack EtherChannel configuration for load balancing and performance
- D. to manually configure the static network information

Correct Answer: AD

Reference: [https://library.netapp.com/ecm/ecm\\_download\\_file/ECMP1117853](https://library.netapp.com/ecm/ecm_download_file/ECMP1117853) (34)

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#### QUESTION 9

A customer has a new 2-node ONTAP system. They have configured the cluster for iSCSI and LUN access.

Which two statements are correct in this scenario? (Choose two.)

- A. In a case of a node error, the broadcast domain will automatically be moved to the surviving node.
- B. Create a single failover group with both nodes' ports, e0M and e0I, applied to each node iSCSI LIF.
- C. A best practice is to have at least one LIF per node per SVM for iSCSI access.
- D. Use Asymmetric Logical Unit Assignment (ALUA), igroups and host-side multipath input/output (MPIO) for path management and resiliency with iSCSI.

Correct Answer: AB

**QUESTION 10**

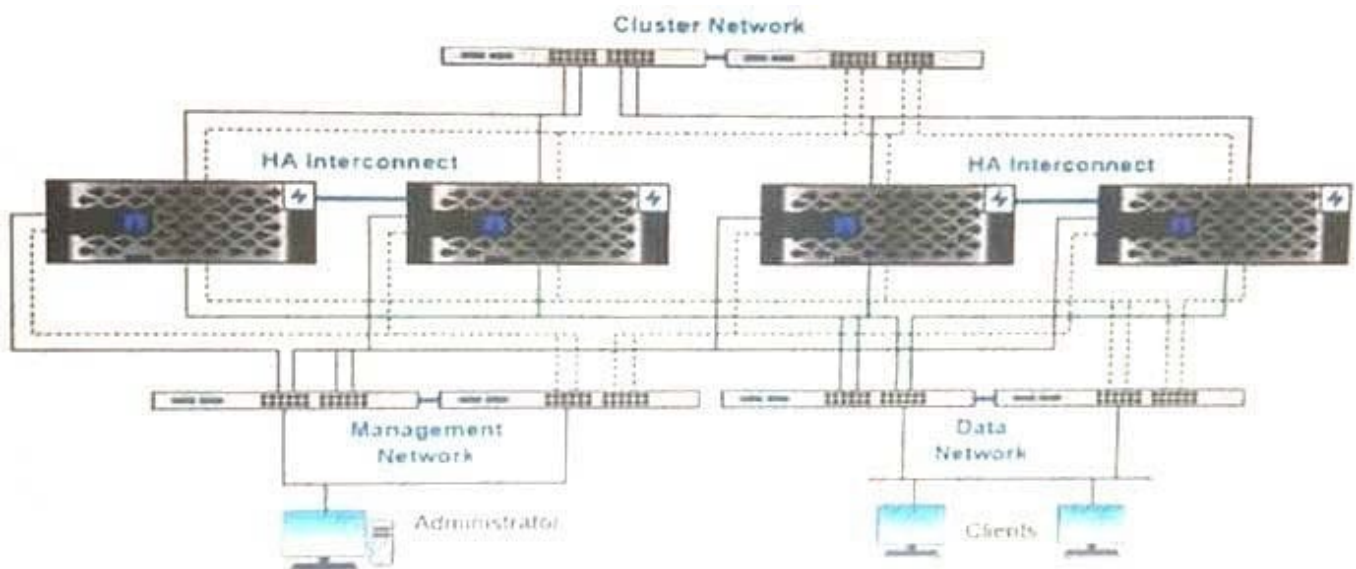
Which tool allows you to create a new FlexGroup volume?

- A. Cluster Config Builder
- B. NetAppDocs
- C. OnCommand System Manager
- D. OnCommand Unified Manager

Correct Answer: C

**QUESTION 11**

Select the Exhibit tab.



The exhibit illustrates the network cabling of a 4-node HA cluster that includes four separate networks. Which two definitions are correct in this scenario? (Choose two.)

- A. Each node must be connected to five distinct networks.

- B. A cluster can be created without data network connections, but it must include a cluster interconnect connection.
- C. Each node may be connected to the management and cluster networks only.
- D. A cluster cannot be created without data network connections, but it must include a cluster interconnect connection.

Correct Answer: BD

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#### QUESTION 12

You want to expand an existing FAS8060 switchless cluster running ONTAP 9.5 with an AFF A300 system.

Which action should you take to perform this task?

- A. Execute the cluster setup command on the existing FAS8060 cluster, add the cluster interconnect switches, and cable both the FAS8060 cluster and the AFF A300 system to the new cluster.
- B. Create a separate switchless cluster with the AFF A300 system.
- C. Connect the cluster ports of the AFF A300 system to the existing FAS8060 cluster, and join the existing cluster.
- D. Add and configure the cluster interconnect switches, re-cable the FAS8060 cluster, add the AFF A300 system, and join the existing cluster.

Correct Answer: C

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#### QUESTION 13

You are setting up a new cluster. The customer notices that there are many management ports on the

cluster. The customer wants to know the purpose of the cluster management LIF.

In this situation, what should you tell the customer?

- A. The cluster management LIF provides a dedicated IP address for the entire cluster and can fail over to any port in the cluster that is available in the broadcast domain.
- B. The cluster management LIF provides a dedicated IP address for managing a particular node in the cluster and is used for system maintenance.
- C. The cluster management LIF is used to carry intracluster traffic between nodes in a cluster and must be created on a 10GbE network port.
- D. The cluster management LIF provides multiple IP addresses for the entire cluster and can fail over to any cluster or intercluster ports.

Correct Answer: B

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#### QUESTION 14

Referring to the exhibit(Missing the exhibit), which statement describes the duster network used by the cluster

interconnect ports?

- A. The network that allows all nodes in the cluster to have direct access to every other node's disk shelves.
- B. The network used to allow all nodes to communicate with the users for data access.
- C. The network used to allow all nodes to communicate with the customer (or management access).
- D. The network used to allow all nodes to communicate for internal (private) data access.

Correct Answer: D

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#### QUESTION 15

You finished an ONTAP 9.5 installation using the information provided by the customer, but the NFS exports and CIFS shares cannot be accessed using the newly created data LIFs.

In this situation, which action should you perform before you leave the customer's site?

- A. Advise the customer to buy Cisco switches because NetApp supports only Cisco switches for CIFS and NFS.
- B. Review the ONTAP network configuration with the customer and make sure that it is correct.
- C. Connect to the customer's switch infrastructure and reset the port configurations.
- D. Advise the customer to solve the issue on their own, this is not part of a basic installation.

Correct Answer: B

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