



NS0-184

NetApp Certified Storage Installation Engineer, ONTAP



EXAMKILLER

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Netapp

Exam NS0-184

NetApp Certified Storage Installation Engineer - ONTAP

Version: 3.0

[Total Questions: 60]

Question No : 1

Your customer currently has a 4-node AFF A400 cluster that runs ONTAP 9.8, with two NS224 shelves that are connected to each HA pair. The customer needs to add additional capacity to the cluster.

Which two actions would enable the customer to accomplish this task? (Choose two.)

- A. Connect the new NS224 shelves to the existing NS224 shelves and adjust the shelf IDs.
- B. Connect the new NS224 shelves to the existing Cisco Nexus 3232C switches.
- C. Deploy a new AFF A400 to the cluster.
- D. Deploy new, dedicated, storage switches for the new NS224 shelves.

Answer: A,C

Reference: <https://docs.netapp.com/us-en/ontap-systems/ns224/hot-add-shelf.html#prepare-an-aff-a700-aff-a800-or-aff-a400-ha-pair-to-hot-add-a-second-shelf>

Question No : 2

You are installing a new six-node ONTAP 9.8 cluster. You have completed the initial configuration of the cluster interconnect switches and the ONTAP cluster.

In this scenario, which feature should you enable?

- A. cluster switch logging
- B. cluster switch health monitor
- C. IPv6 on all cluster ports
- D. data center bridging protocol

Answer: B

Reference: https://docs.netapp.com/us-en/ontap/pdfs/sidebar/Configure_network_ports__cluster_administrators_only_.pdf

Question No : 3

Click the Exhibit button.

```
cluster1::> network interface show
```

Vserver	Logical Interface	Status Admin/Oper	Network Address/Mask	Current Node	Current Port	Is Home
Cluster	cluster1-01_clus1	up/up	169.254.145.151/16	cluster1-01	e0a	true
	cluster1-01_clus2	up/up	169.254.58.159/16	cluster1-01	e0b	true
	cluster1-02_clus1	up/up	169.254.110.0/16	cluster1-02	e0a	true
	cluster1-02_clus2	up/up	169.254.212.198/16	cluster1-02	e0b	true
	cluster1-01_mgmt1	up/up	192.168.0.111/24	cluster1-01	e0c	true
	cluster1-02_mgmt1	up/up	192.168.0.112/24	cluster1-02	e0c	true
cluster1	cluster_mgmt	up/up	192.168.0.101/24	cluster1-01	e0c	true

You are installing a new AFF All SAN Array A700 HA pair.

Referring to the exhibit, which IP address would have been used to join node 02 to the cluster during setup?

- A. 192.168.0.112
- B. 169.254.212.198
- C. 169.254.145.151
- D. 192.168.0.101

Answer: A

Question No : 4

You want to disconnect a DS224C shelf with 3.8 TB NetApp Storage Encryption (NSE) SSDs to an AFF A300 HA pair with two DS224C shelves with 3.8 TB SSDs without NSE in one stack.

In this scenario, how would you add the shelf?

- A. Add the shelf to the existing stack.
- B. Create a new stack on the HA pair to add the shelf.
- C. Connect the shelf to an HA pair with NSE drives.
- D. License NSE and add the shelf to this HA pair as a new stack.

Answer: A

Question No : 5

You are expanding an existing cluster that uses BES-53248 cluster interconnect switches. You connected the new controllers to ports 0/17 through 0/20. However, you are unable to join the new nodes to the cluster.

Which action must be taken to solve the problem?

- A. Install the license file.
- B. Install the CSHM configuration file.
- C. Install the reference configuration file.
- D. Reboot the controllers.

Answer: C

Reference: https://github.com/NetAppDocs/ontap-systems-switches/blob/main/switch-bes-53248/migrate_to_2n_switched_overview.adoc

Question No : 6

A customer is asked to install a new AFF ASA A700 system. During the installation, the customer asks if ONTAP 9.8 is supported with their host's OS version running Windows 2016.

In this scenario, which NetApp tool would verify supportability?

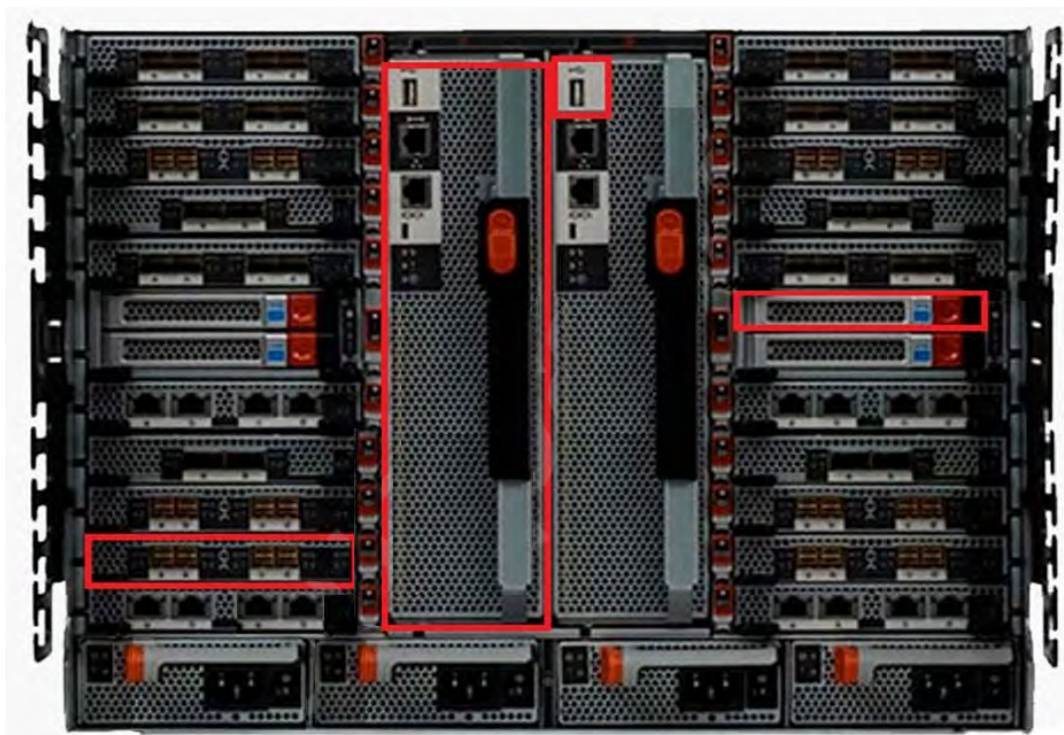
- A. ONTAP System Manager
- B. Active IQ Unified Manager
- C. Active IQ OneCollect
- D. Interoperability Matrix Tool

Answer: A

Reference: https://docs.netapp.com/us-en/ontap-systems/pdfs/sidebar/AFF_A700_and_FAS9000_Install_and_Setup.pdf

Question No : 7

Click the Exhibit button.



Which set of components on a FAS9000 are highlighted in the exhibit?

- A. FCVI-Module, Controller, Serial-Port, FlashCache-Module
- B. SAS-Module, Controller, USB-Port, FlashCache-Module
- C. NVRAM-Module, Controller, Serial-Port, FlashCache-Module
- D. Powersupply, Controller, USB-Port, NVRAM-Module

Answer: A

Question No : 8

You have a 2-node FAS8300 ONTAP 9.8 cluster that serves SMB shares. You are configuring interface groups for higher performance and resiliency.

Which two NetApp best practices should you follow to satisfy these performance and resiliency requirements? (Choose two.)

- A. Use ports from different NICs.
- B. Use ports from the same NICs.
- C. Use ports with different chipsets.
- D. Use ports with the same chipsets.

Answer: A,D

Reference: <https://www.netapp.com/media/19900-tr-4847.pdf> (7)

Question No : 9

You want to enable secure communication with the SP or BMC through CA-signed certificates.

Which two certificate types must be installed in this scenario? (Choose two.)

- A. cluster certificate
- B. server certificate
- C. root CA certificate
- D. ONTAP certificate

Answer: B,C

Reference:

[https://kb.netapp.com/Advice_and_Troubleshooting/Data_Storage_Software/ONTAP_OS/How_to_configure_communication_between_ONTAP_and_Service_Processor_\(SP\)_or_BMC_with_Certificate_Authority_\(CA\)_signed_certificates](https://kb.netapp.com/Advice_and_Troubleshooting/Data_Storage_Software/ONTAP_OS/How_to_configure_communication_between_ONTAP_and_Service_Processor_(SP)_or_BMC_with_Certificate_Authority_(CA)_signed_certificates)

Question No : 10

After adding two nodes to an FC-enabled cluster, the storage administrator wants to ensure that existing LUNs can use paths on the new nodes.

What is required to complete this task?

- A. Use the storage port rescan command.
- B. Use the lun mapping add-reporting-nodes command.
- C. Use the lun bind create command.
- D. Rescan the bus on the hosts by using the rescan-scsi-bus.sh script.

Answer: A,B

Reference: https://docs.netapp.com/us-en/ontap-sm-classic/expansion/task_updating_lun_paths_for_new_nodes.html

Question No : 11

Which logical interface has a fixed firewall policy?

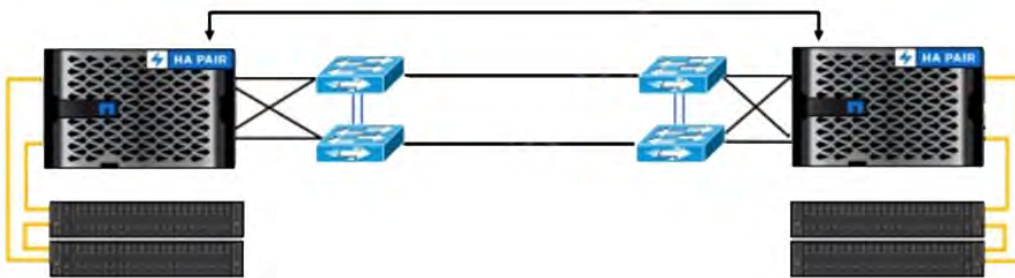
- A. data LIF
- B. cluster management LIF
- C. cluster LIF
- D. intercluster LIF

Answer: C

Reference: https://docs.netapp.com/us-en/ontap/networking/configure_firewall_policies_for_lifs.html#create-a-firewall-policy-and-assigning-it-to-a-lif

Question No : 12

Click the Exhibit button.



What are two functions of the four Ethernet switches in the supported configuration that is shown in the exhibit? (Choose two.)

- A. to provide a direct connection for the SnapMirror Synchronous (SM-S)
- B. to install cross-site cluster management switches
- C. to provide connectivity for NVRAM over iWARP
- D. to enable SyncMirror replication

Answer: A,C

Question No : 13

You have completed a base installation and system registration of an AFF A250 system, but you notice that you have one failed drive. Neither “un-failing” nor reseating the drive helped to repair it. You must ensure proper replacement of the failed drive.

In this scenario, which two actions should you take? (Choose two.)

- A. Ask the customer to open a technical case with NetApp Support.
- B. Ask the customer for a drive with the same capacity and replace it.
- C. Run Active IQ Config Advisor to collect all the logs on the system.
- D. Power off the system until the drive has been replaced.

Answer: B,C

Reference: <https://docs.netapp.com/us-en/ontap-systems/a250/install-detailed-guide.html#step-1-prepare-for-installation>

Question No : 14

An administrator issued the cluster setup command and configured a 2-node ONTAP 9.8 cluster.

In this scenario, which tool would the administrator use to validate the configuration?

- A. Active IQ Upgrade Advisor
- B. Interoperability Matrix Tool
- C. NetAppDocs
- D. Active IQ Config Advisor

Answer: C

Reference: https://github.com/NetAppDocs/ontap-metrocluster/blob/main/install-stretch/concept_configuring_the_mcc_software_in_ontap.adoc

Question No : 15

You are deploying an 8-node AFF A700 by using BES-53248 cluster switches. During the installation, you notice that ports higher than 16 are not coming online. You verify that the additional licenses are installed.

Which two additional steps must be taken to bring the additional ports online? (Choose two.)

- A. Reload the firmware
- B. Reload the RCF file
- C. Re-enable each port

D. Reload the switch

Answer: B,D

Reference: https://thinksystem.lenovofiles.com/storage/help/index.jsp?topic=%2Fhw-sw-ix8-setup%2F43A528F5-967F-432E-94CE-89A38234A8DC_.html

Question No : 16

You installed a new 2-node FAS500f ONTAP 9.8 switchless cluster that serves NAS volumes to both NFSv4.1 and SMB clients. The host operating systems have full flow control enabled on their data ports.

In this scenario, which two flow control settings would you verify? (Choose two.)

- A. Verify that the data network ports have full flow control disabled.
- B. Verify that the cluster network ports have full flow control enabled.
- C. Verify that the data network ports have full flow control enabled.
- D. Verify that the cluster network ports have full flow control disabled.

Answer: A,B

Reference: https://docs.netapp.com/us-en/ontap/pdfs/sidebar/Network_management.pdf

Question No : 17

You are installing an AFF A700 system with two disk shelves using ADPv2. After setting up the cluster, you realize that one drive shelf was powered off and that the drives have not been assigned to any of the nodes.

In this scenario, which two resources will help you find a solution? (Choose two.)

- A. Active IQ Config Advisor
- B. NetApp Documentation Center
- C. NetApp Knowledge Base
- D. Active IQ Digital Advisor

Answer: A,C

Reference: <https://docs.netapp.com/us-en/ontap-systems/fas9000/install-detailed-guide.html#option-1-cable-the-controllers-to-ds212c-or-ds224c-drive-shelves>