

NetApp.NS0-184.by.Jindo.49q

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File Version: 3.0

**Exam Code: NS0-184**



## Exam A

### QUESTION 1

You are setting up a peer relationship between two ONTAP clusters.  
In this scenario, which two statements are true regarding authentication?

- A. Peering authentication status can be verified with the cluster peer show command.
- B. Peering authentication can be configured using LDAP users and groups.
- C. Peering authentication is required before enabling peering encryption.
- D. Peering authentication can use an ONTAP generated passphrase.

**Correct Answer: A, D**

**Section:**

**Explanation:**

Reference: <https://docs.netapp.com/us-en/ontap/peering/create-cluster-relationship-93-latertask.html>

### QUESTION 2

You installed a new 4-node AFF A400 ONTAP 9.8 cluster. The AFF400 controller data ports were automatically discovered by "automatic port placement".  
In this scenario, which two ONTAP network settings were automatically configured? (Choose two.)

- A. routes
- B. IPspaces
- C. broadcast domains
- D. subnets



**Correct Answer: A, D**

**Section:**

### QUESTION 3

After the Installation of a new NetApp FAS system, you use theNetAppDocs tool for site design documentation.  
In this scenario, in which three document formats would you create an inventory report? (Choose three.)

- A. .docx
- B. .html
- C. .pdf
- D. .ps
- E. .xlsx

**Correct Answer: A, B, C**

**Section:**

### QUESTION 4

Which logical interface has a fixed firewall policy?

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

**Correct Answer: C**

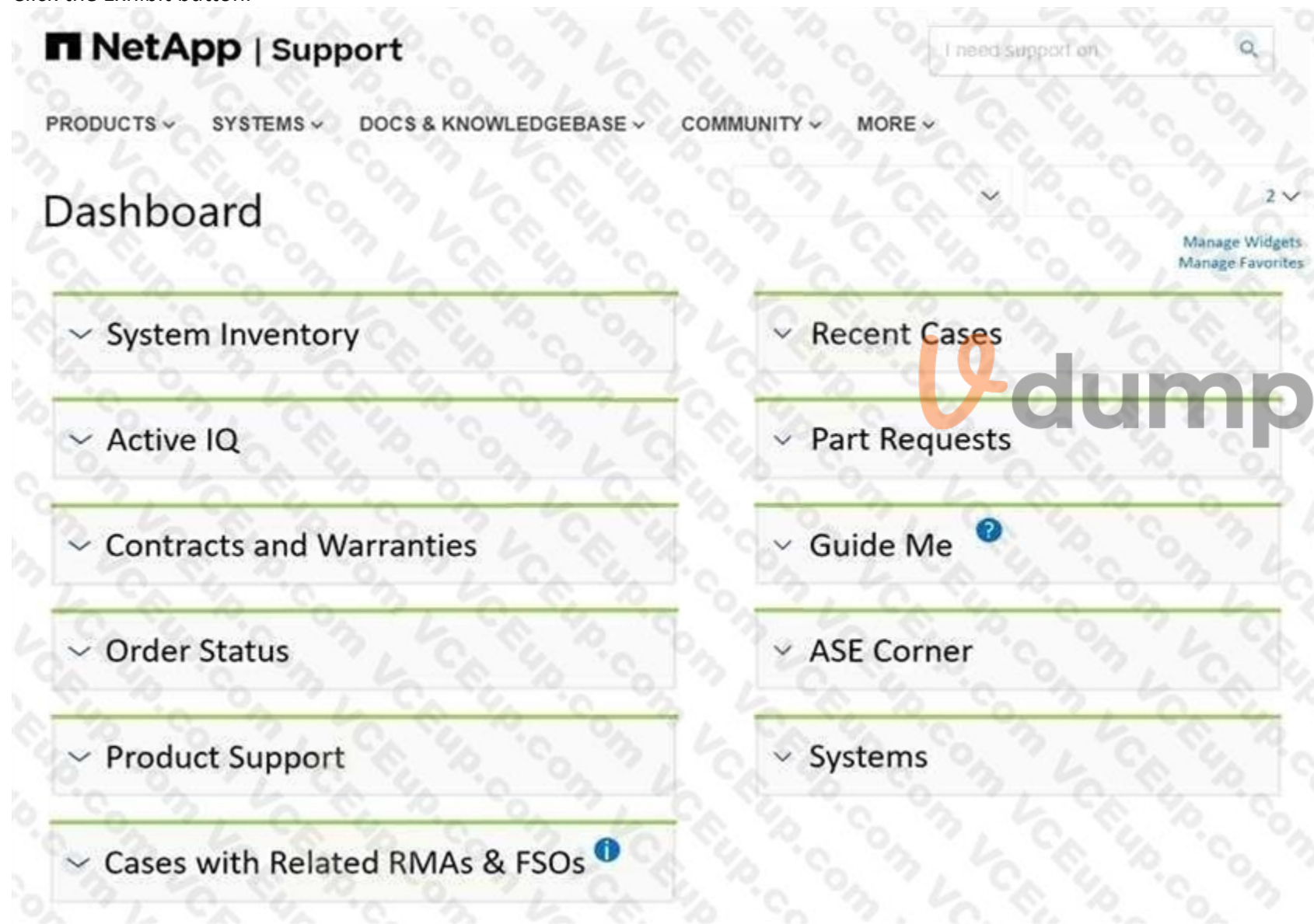
**Section:**

**Explanation:**

Reference: [https://docs.netapp.com/usen/ontap/networking/configure\\_firewall\\_policies\\_for\\_lifs.html#create-a-firewall-policy-andassigning-it-to-a-lif](https://docs.netapp.com/usen/ontap/networking/configure_firewall_policies_for_lifs.html#create-a-firewall-policy-andassigning-it-to-a-lif)

**QUESTION 5**

Click the Exhibit button.



During an ONTAP cluster handover procedure, your customer asks how to identify and solve issues that might occur on the newly deployed array. Referring to the exhibit, which two widgets would the customer use to help with these issues? (Choose two.)

- A. Guide Me
- B. Active IQ
- C. Contracts and Warranties

D. ASE Corner

**Correct Answer: A, C**

**Section:**

**QUESTION 6**

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.

**Correct Answer: A, D**

**Section:**

**Explanation:**

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

**QUESTION 7**

You are preparing for the installation of a new 2-node switchless AFF A250 ONTAP 9.8 cluster and need to obtain the preinstallation information from the customer. In this scenario, what are three examples of data required from the customer? (Choose three.)

- A. management IP addresses
- B. cluster switch name
- C. gateway IP address
- D. BMC IP addresses
- E. cluster name



**Correct Answer: A, B, D**

**Section:**

**Explanation:**

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

**QUESTION 8**

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

**Correct Answer: A, C**

**Section:**

**Explanation:**

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

**QUESTION 9**

You are preparing to physically install a new AFF A400 cluster into a customer's racks. All equipment has been delivered to the customer's site. Which three tools do you need to complete this installation? (Choose three.)

- A. additional network cables
- B. Phillips #2 screwdriver
- C. laptop computer
- D. slide rail kit
- E. cable management tray

**Correct Answer: A, B, C**

**Section:**

**Explanation:**

Reference: <https://docs.netapp.com/us-en/ontap-systems/a400/install-detailed-guide.html#step-1-prepare-for-installation>

**QUESTION 10**

Click the Exhibit button.



My cases

# My Cases

[Create a Case](#)

Cases for My Company v

DATE OPENED

12-May-2018  11-Jun-2020  [New Search](#)

 [Email CSV](#)

Case #	Symptom	Date Last Updated	Status	Serial #	Cluster SN	Case Owner Company	
Case#	Symptom		Status	Serial #	Cluster S	Case Owner Compa	X
41747189	PRODUCT REGISTRATION FROM SUPPORT	06/10/2020 10:07:00 PST	Active				

After installation of a new ONTAP cluster, you experience a problem. You successfully create a support case on the NetApp Support site. The customer asks you how to view the status of the case. Referring to the exhibit, which two steps would allow the customer to accomplish this task? (Choose two.)

- A. Open <https://support.netapp.com>, using the partner credentials.
- B. Open <https://support.netapp.com>, using the customer credentials.
- C. Open My Cases, and select the 41747189 case number.
- D. Open My Cases, and select Create a Case.

**Correct Answer: B, C**

**Section:**

**Explanation:**

Reference: <https://mysupport.netapp.com/site/info/find-support>



**QUESTION 11**

You completed a 2-node AFF A700 installation according to the poster. You run the disk show -fields owner command and notice that all drives are assigned to node 1. In this scenario, which tool would you use to access documentation and guidelines to solve the issue?

- A. Active IQ Unified Manager
- B. Active IQ One Collect
- C. NET2
- D. NetAppDocs

**Correct Answer: D**

**Section:**

**Explanation:**

Reference: <https://github.com/NetAppDocs>

**QUESTION 12**

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

**Correct Answer: C**

**Section:**

**Explanation:**

Reference: [https://github.com/NetAppDocs/ontap-metrocluster/blob/main/installstretch/concept\\_configuring\\_the\\_mcc\\_software\\_in\\_ontap.adoc](https://github.com/NetAppDocs/ontap-metrocluster/blob/main/installstretch/concept_configuring_the_mcc_software_in_ontap.adoc)

**QUESTION 13**

Which command would be used to measure the throughput and latency of traffic between nodes?

- A. qos statistics workload performance show
- B. cluster ping-cluster
- C. network test-path
- D. statistics node show

**Correct Answer: C**

**Section:**

**Explanation:**

Reference: [https://docs.netapp.com/us-en/ontap/pdfs/sidebar/Manage\\_performance\\_issues.pdf](https://docs.netapp.com/us-en/ontap/pdfs/sidebar/Manage_performance_issues.pdf)

**QUESTION 14**

After moving a new AFF A400 cluster into production, the administrator notices error events in ONTAP System Manager regarding SAS HA issues. In this scenario, which NetApp tool would have identified these errors after the installation process?

- A. Cloud Manager
- B. ONTAP System Manager

- C. Active IQ Config Advisor
- D. Active IQ Unified Manager

**Correct Answer: B**

**Section:**

**Explanation:**

Reference: <https://www.netapp.com/fr/media/13482-tr4375.pdf>

#### QUESTION 15

You are using Broadcom BES-53248 switches for a cluster interconnect in a base configuration. In this scenario, what is the minimum number of ISLs supported between the switches?

- A. 1
- B. 2
- C. 3
- D. 4

**Correct Answer: B**

**Section:**

**Explanation:**

Reference: [https://docs.netapp.com/us-en/ontap-systemsswitches/pdfs/sidebar/BES\\_53248\\_Switches.pdf](https://docs.netapp.com/us-en/ontap-systemsswitches/pdfs/sidebar/BES_53248_Switches.pdf) (3)

#### QUESTION 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.

**Correct Answer: A, B**

**Section:**

**Explanation:**

Reference: [https://docs.netapp.com/us-en/ontap/pdfs/sidebar/Network\\_management.pdf](https://docs.netapp.com/us-en/ontap/pdfs/sidebar/Network_management.pdf)

#### QUESTION 17

A customer wants to enable SnapMirror Synchronous across their environment. The customer must ensure that SnapMirror Synchronous will work across the environment. In this scenario, which two statements are true? (Choose two.)

- A. A SnapMirror license is required on both the source cluster and the destination cluster.
- B. A SnapMirror Synchronous license is required on both the source and destination clusters.
- C. A SnapMirror license is not required on both the source cluster and the destination cluster.
- D. A SnapMirror Synchronous license is required on the source cluster.

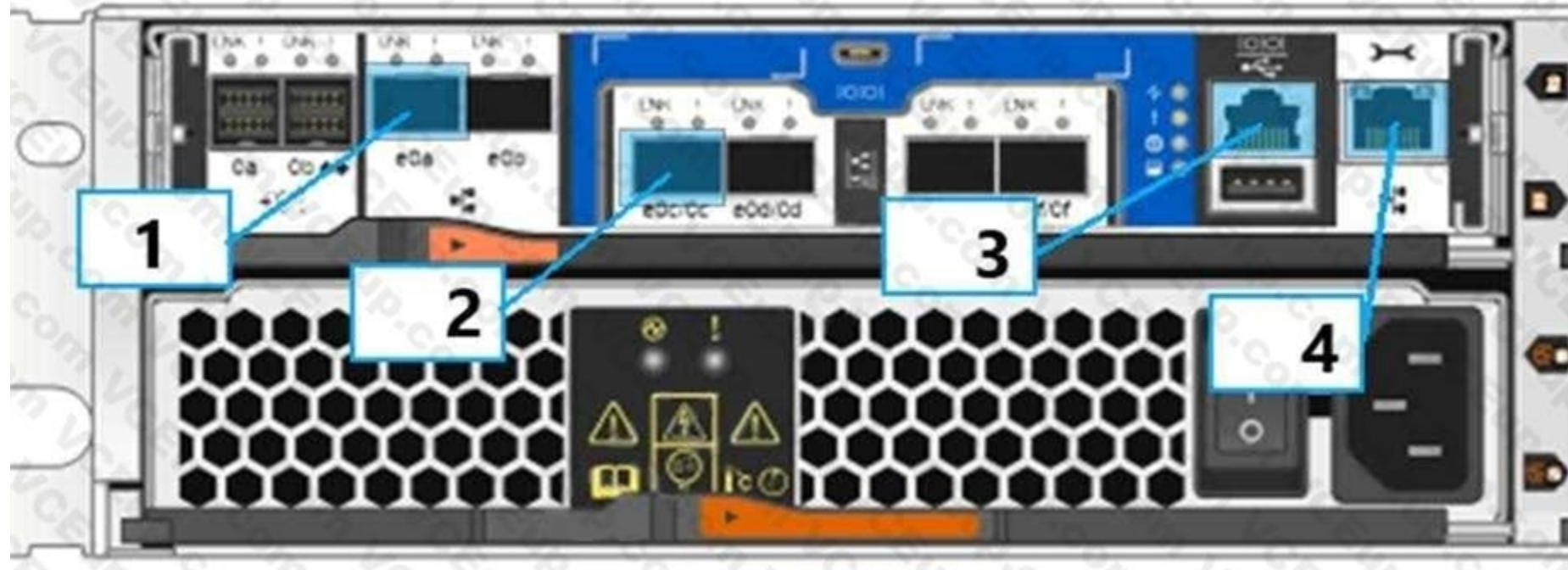
**Correct Answer: B, C**

**Section:**



### QUESTION 18

Click the Exhibit button.



Referring to the numbers shown in the exhibit, which port on an AFF A220 controller is used as port e0M in ONTAP?

- A. 4
- B. 3
- C. 2
- D. 1



**Correct Answer: A**

**Section:**

**Explanation:**

Reference:

[https://documents.uow.edu.au/~blane/netapp/ontap/sysadmin/accessing/concept/c\\_oc\\_accs\\_access-methods-e0m.html](https://documents.uow.edu.au/~blane/netapp/ontap/sysadmin/accessing/concept/c_oc_accs_access-methods-e0m.html)

### QUESTION 19

You have a new 2-node FAS8700 ONTAP 9.8 cluster. One of the nodes has 24x16 TB NL-SAS disks assigned and available for a new aggregate. You created the aggregate with one RAID group and two spare disks. In this scenario, how many data drives are in the aggregate?

- A. 20
- B. 18
- C. 17
- D. 19

**Correct Answer: A**

**Section:**

**Explanation:**

Reference: [http://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-cmpr-970%2Fstorage\\_\\_aggregate\\_\\_create.html](http://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-cmpr-970%2Fstorage__aggregate__create.html)

### QUESTION 20

Your customer is migrating data from a legacy FAS8020 system that runs ONTAP 9.5 software to a new AFF A250 MetroCluster over IP configuration.

In this scenario, which two methods would be supported to migrate the data? (Choose two.)

- A. Perform a controller swap from the FAS8020 to the AFF A250s.
- B. Create a 4-node cluster on one side and use the vol move command to migrate the data.
- C. Use a host-based copy migration method.
- D. Configure a SnapMirror copy between the FAS8020 and the AFF A250 systems.

**Correct Answer: A, D**

**Section:**

#### QUESTION 21

You have a 2-node FAS8300 switchless ONTAP 9.8 cluster that serves NAS volumes. You have a data SVM that connects to the network using multimode LACP with VLAN tags.

In this scenario, which front-end FAS8300 network port would you create the data LIFs?

- A. a0a
- B. e0e
- C. e0e-100
- D. a0a-100

**Correct Answer: B**

**Section:**

**Explanation:**

Reference: <https://wikileaks.org/ciav7p1/cms/files/NetApp%20Build%20Document1.docx>



#### QUESTION 22

You have a 4-node ONTAP 9.8 cluster with a FAS8700 HA pair that serves iSCSI LUNs. You are adding a new AFF A250 HA pair to the cluster with new iSCSI SAN LIFs. You need to allow non-optimized data paths from the AFF A250 nodes to the existing LUNs on the FAS8700 nodes.

In this scenario, which two ONTAP configuration settings must you verify? (Choose two.)

- A. port sets
- B. switch zoning
- C. reporting nodes
- D. failover groups

**Correct Answer: A, D**

**Section:**

#### QUESTION 23

You are deploying a new AFF All SAN Array A250 into a customer's existing data fabric.

In this scenario, which two tools would give insight into their existing Cisco MDS fabric configuration?

(Choose two.)

- A. Brocade SAN Health
- B. Cisco Data Center Network Manager (DCNM)
- C. Active IQ
- D. Active IQ Config Advisor

**Correct Answer: B, C**

**Section:**

**Explanation:**

Reference: <https://www.cisco.com/c/en/us/products/collateral/storage-networking/mds-9700-series-multilayer-directors/cisco-ucs-mds.html>  
<https://www.cisco.com/c/en/us/products/collateral/servers-unified-computing/ucs-x-seriesmodular-system/flex-pod-datacenter-ucs-intersight.html>

**QUESTION 24**

You are expanding an existing 4-node ONTAP 9.8 cluster with a FAS8300 HA pair by adding a new FAS500f HA pair. Before the expansion, you are asked to save the configuration of the cluster to a backup file. In this scenario, which two ONTAP configuration backup methods are available? (Choose two.)

- A. storage VM
- B. node
- C. cluster
- D. switch

**Correct Answer: A, C**

**Section:**

**Explanation:**

Reference: [https://docs.netapp.com/us-en/ontap-whatsnew/pdfs/fullsitesidebar/TR\\_4894\\_\\_NetApp\\_ONTAP\\_9\\_9\\_1\\_Feature\\_Overview.pdf](https://docs.netapp.com/us-en/ontap-whatsnew/pdfs/fullsitesidebar/TR_4894__NetApp_ONTAP_9_9_1_Feature_Overview.pdf)

**QUESTION 25**

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	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
	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

**Correct Answer: A**

**Section:**

**QUESTION 26**

Which two switch operating system are supported on ONTAP cluster switches? (Choose two.)

- A. Brocade FOS
- B. Cisco NX-OS
- C. Cisco IOS
- D. Broadcom EFOS

**Correct Answer: B, D**

**Section:**

**Explanation:**

Reference: [https://docs.netapp.com/us-en/ontap-systems-switches/pdfs/fullsitesidebar/AFF\\_and\\_FAS\\_Switch\\_Documentation.pdf](https://docs.netapp.com/us-en/ontap-systems-switches/pdfs/fullsitesidebar/AFF_and_FAS_Switch_Documentation.pdf)

**QUESTION 27**

You are preparing to install a new 2-node AFF A250 system at a customer site with an existing cluster that uses NetApp CN1610 cluster interconnect switches.

In this scenario, what are two valid actions for this installation? (Choose two.)

- A. Add the new nodes to the existing cluster and switches.
- B. Create a new 2-node switched cluster that uses the CN1610 cluster switches.
- C. Create a new 2-node switchless cluster.
- D. Migrate the existing cluster to new switches and add the new nodes.



**Correct Answer: B, D**

**Section:**

**Explanation:**

Reference:

[https://kb.netapp.com/Advice\\_and\\_Troubleshooting/Flash\\_Storage/AFF\\_Series/Controller\\_Hardware\\_Upgrade3A\\_Adding\\_AFF\\_A250\\_nodes\\_to\\_existing\\_cluster\\_report\\_HA\\_interconnect\\_errors\\_and\\_cannot\\_perform\\_takeover](https://kb.netapp.com/Advice_and_Troubleshooting/Flash_Storage/AFF_Series/Controller_Hardware_Upgrade3A_Adding_AFF_A250_nodes_to_existing_cluster_report_HA_interconnect_errors_and_cannot_perform_takeover)

**QUESTION 28**

Click the Exhibit button.



```
ns0184-98::> cluster add-node-status
```

Node Name	Cluster IP	Status	Error Reason
ns0184-98-01	169.254.111.185	success	
ns0184-98-02	169.254.124.154	success	
ns0184-97	168.254.242.195	failure	Failed to start cluster join on node: 169.254.242.195: Cluster join operation cannot be performed at this time: Cannot join node to the cluster because this is a mixed-version cluster. All nodes in the cluster should be running the same software version before a node is added. To attempt the join anyway, use the "-allow-mixed-version-join" parameter. Resolve the issue, then try the command again.

3 entries were displayed.

You are attempting to add a new ONTAP 9.7 node to your ONTAP 9.8 NetApp cluster. After attempting to add the node, it fails as shown in the exhibit. What are two nondisruptive ways to add the new node to your ONTAP cluster? (Choose two.)

- A. Revert the cluster from ONTAP 9.8 to ONTAP 9.7.
- B. Re-initialize all the nodes in the ONTAP cluster with ONTAP 9.7.
- C. Upgrade the new node from ONTAP 9.7 to ONTAP 9.8.
- D. Add the node using the -allow-mixed-version- parameter.

**Correct Answer: C, D**

**Section:**

**Explanation:**

Reference: [https://docs.netapp.com/us-en/ontap/pdfs/sidebar/Upgrade\\_ONTAP.pdf](https://docs.netapp.com/us-en/ontap/pdfs/sidebar/Upgrade_ONTAP.pdf)

#### QUESTION 29

Click the Exhibit button.

```
cluster1::*> cluster ping-cluster node1
Host is node2
Getting addresses from network interface table...
Cluster node1_clus1 169.254.209.69 node1 e0a
Cluster node1_clus2 169.254.49.125 node1 e0b
Cluster node2_clus1 169.254.47.194 node2 e0a
Cluster node2_clus2 169.254.19.183 node2 e0b
Local = 169.254.47.194 168.254.19.183
Remote = 169.254.209.69 169.254.49.125
Cluster Vserver Id = 4294967293
Ping status:
....
Basic connectivity succeeds on 4 path(s)
Basic connectivity fails on 0 path(s)
.....
Detected 9000 byte MTU on 4 path(s):
Local 169.254.47.194 to Remote 169.254.209.69
Local 169.254.47.194 to Remote 169.254.49.125
Local 169.254.19.183 to Remote 169.254.209.69
Local 169.254.19.183 to Remote 169.254.49.125
Larger than PMTU communication succeeds on 4 path(s)
RPC status:
2 paths up, 0 paths down (tcp check)
2 paths up, 0 paths down (udp check)
```



You are preparing to replace a Cisco Nexus 92300YC switch. You have executed the cluster pingcluster node1 command and received the output as shown in the exhibit. Which two checks indicate that the cluster is ready for the replacement to be performed? (Choose two.)

- A. 2 paths up, 0 paths down (TCP check)
- B. 2 paths up, 0 paths down (UDP check)
- C. larger than PMTU communication succeeds on 4 path(s)
- D. basic connectivity succeeds on 4 path(s)

**Correct Answer: A, D**

**Section:**

### QUESTION 30

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.



**Correct Answer: A**

**Section:**

**QUESTION 31**

You want to add an AFF A400 HA pair to an existing cluster.  
In this scenario, which LIF type is required?

- A. cluster-mgmt
- B. intercluster
- C. data
- D. node-mgmt

**Correct Answer: B**

**Section:**

**Explanation:**

Reference: [https://docs.netapp.com/us-en/ontapmetrocluster/pdfs/sidebar/Add\\_a\\_new\\_controller\\_module\\_to\\_each\\_cluster.pdf](https://docs.netapp.com/us-en/ontapmetrocluster/pdfs/sidebar/Add_a_new_controller_module_to_each_cluster.pdf)

**QUESTION 32**

You are preparing to add a 2-node AFF A250 system to an existing 4-node AFF A800 cluster with Cisco Nexus 3232C switches. The cluster switches are currently running the Cluster-HA RCF.  
In this scenario, which two steps are required to install the AFF A250 system? (Choose two.)

- A. Load the Storage RCF.
- B. Cable the AFF A250 nodes to the next free ports on the switch.
- C. Cable the AFF A250 nodes to the breakout ports on the switch.
- D. Load the Cluster-HA-Breakout RCF.



**Correct Answer: C, D**

**Section:**

**QUESTION 33**

You are preparing for the installation of a new ONTAP 9.8 cluster and need to get the preinstallation information from the customer.  
In this scenario, which NetApp tool would you use to create a configuration spreadsheet template for the deployment?

- A. Interoperability Matrix Tool
- B. ConfigBuilder
- C. Active IQ Config Advisor
- D. Active IQ Unified Manager

**Correct Answer: A**

**Section:**

**Explanation:**

Reference: [https://docs.netapp.com/us-en/ontap-select/pdfs/fullsitesidebar/ONTAP\\_Select\\_documentation.pdf](https://docs.netapp.com/us-en/ontap-select/pdfs/fullsitesidebar/ONTAP_Select_documentation.pdf)

**QUESTION 34**

You have added two new AFF A250 nodes to an existing 4-node cluster with NetApp CN1610 cluster network switches. Although the nodes can join the cluster, the storage failover show command output shows that the NVRAM log is not synchronized, and it cannot reach the partner over an HA interconnect.  
In this scenario, which two statements are true? (Choose two.)

- A. The AFF A250 requires switches with 40GbE port support.
- B. The AFF A250 uses different ports for the cluster and the HA interconnect.
- C. The AFF A250 requires switches with 25GbE port support.
- D. The AFF A250 uses the same port for the cluster and the HA interconnect.

**Correct Answer: B, C**

**Section:**

**QUESTION 35**

A customer is creating a new SVM to host iSCSI LUNs for a Hyper-V cluster. You need to successfully map the new LUNs and make them visible to the Hyper-V cluster. In this scenario, which host information is required to accomplish this task?

- A. IQNs
- B. WWNNs
- C. WWPNS
- D. host names

**Correct Answer: D**

**Section:**

**Explanation:**

Reference: <https://docs.microsoft.com/en-us/system-center/vmm/hyper-v-storage?view=sc-vmm-2019>

**QUESTION 36**

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

**Correct Answer: B, C**

**Section:**

**Explanation:**

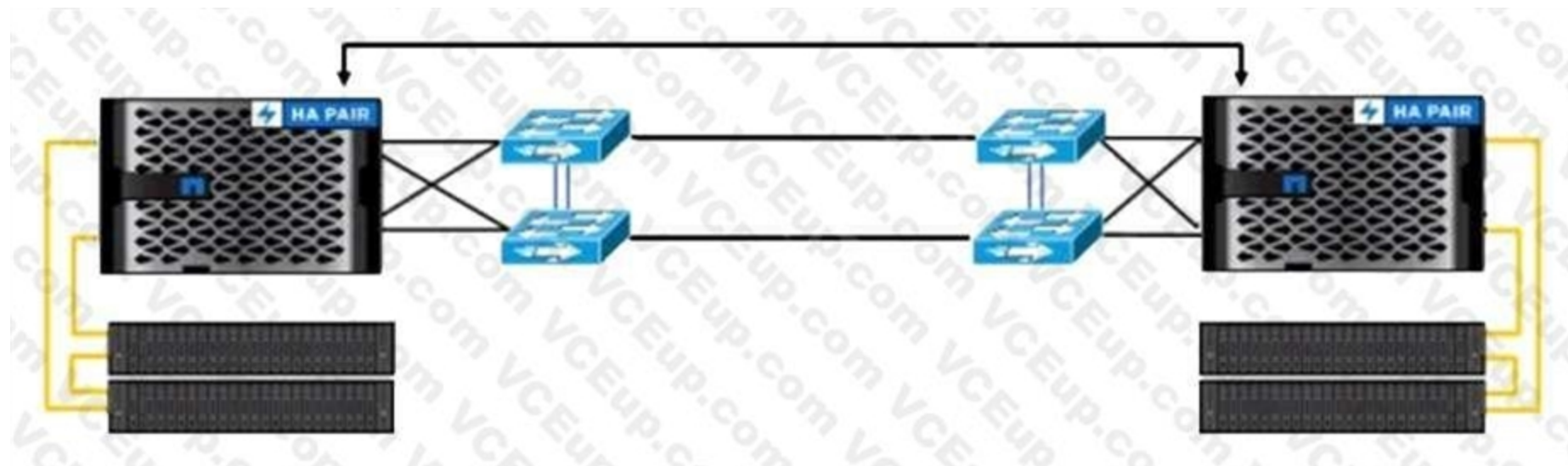
Reference:

[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 37**

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

**Correct Answer: A, C**

**Section:**

#### QUESTION 38

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

**Correct Answer: A**

**Section:**

**Explanation:**

Reference: [https://docs.netapp.com/us-en/ontapsystems/pdfs/sidebar/AFF\\_A700\\_and\\_FAS9000\\_Install\\_and\\_Setup.pdf](https://docs.netapp.com/us-en/ontapsystems/pdfs/sidebar/AFF_A700_and_FAS9000_Install_and_Setup.pdf)

#### QUESTION 39

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.

**Correct Answer: C**

**Section:**

**Explanation:**

Reference: [https://github.com/NetAppDocs/ontap-systems-switches/blob/main/switch-bes-53248/migrate\\_to\\_2n\\_switched\\_overview.adoc](https://github.com/NetAppDocs/ontap-systems-switches/blob/main/switch-bes-53248/migrate_to_2n_switched_overview.adoc)

**QUESTION 40**

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.

**Correct Answer: B, C**

**Section:**

**Explanation:**

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

**QUESTION 41**

Which two statements are true about the LIFs that are used for a cluster peer relationship? (Choose two.)

- A. The MTU size must be set to 9000 bytes on all the LIFs used for the cluster peering.
- B. The LIFs must use the default intercluster service policy.
- C. The LIFs must be in dedicated broadcast domains and IPspaces.
- D. At least one LIF per node is required on each cluster.



**Correct Answer: B, C**

**Section:**

**QUESTION 42**

You installed two separate clusters in an isolated data center without outbound network access. The customer wants to troubleshoot issues locally and also create custom Excel reports for capacity utilization from a local server.

In this scenario, which NetApp tool would satisfy this requirement?

- A. Active IQ Digital Advisor
- B. Active IQ Unified Manager
- C. Cloud Insights
- D. ONTAP System Manager

**Correct Answer: B**

**Section:**

**Explanation:**

Reference: <https://www.netapp.com/media/17229-tr4015.pdf>

**QUESTION 43**

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

**Correct Answer: B, D**

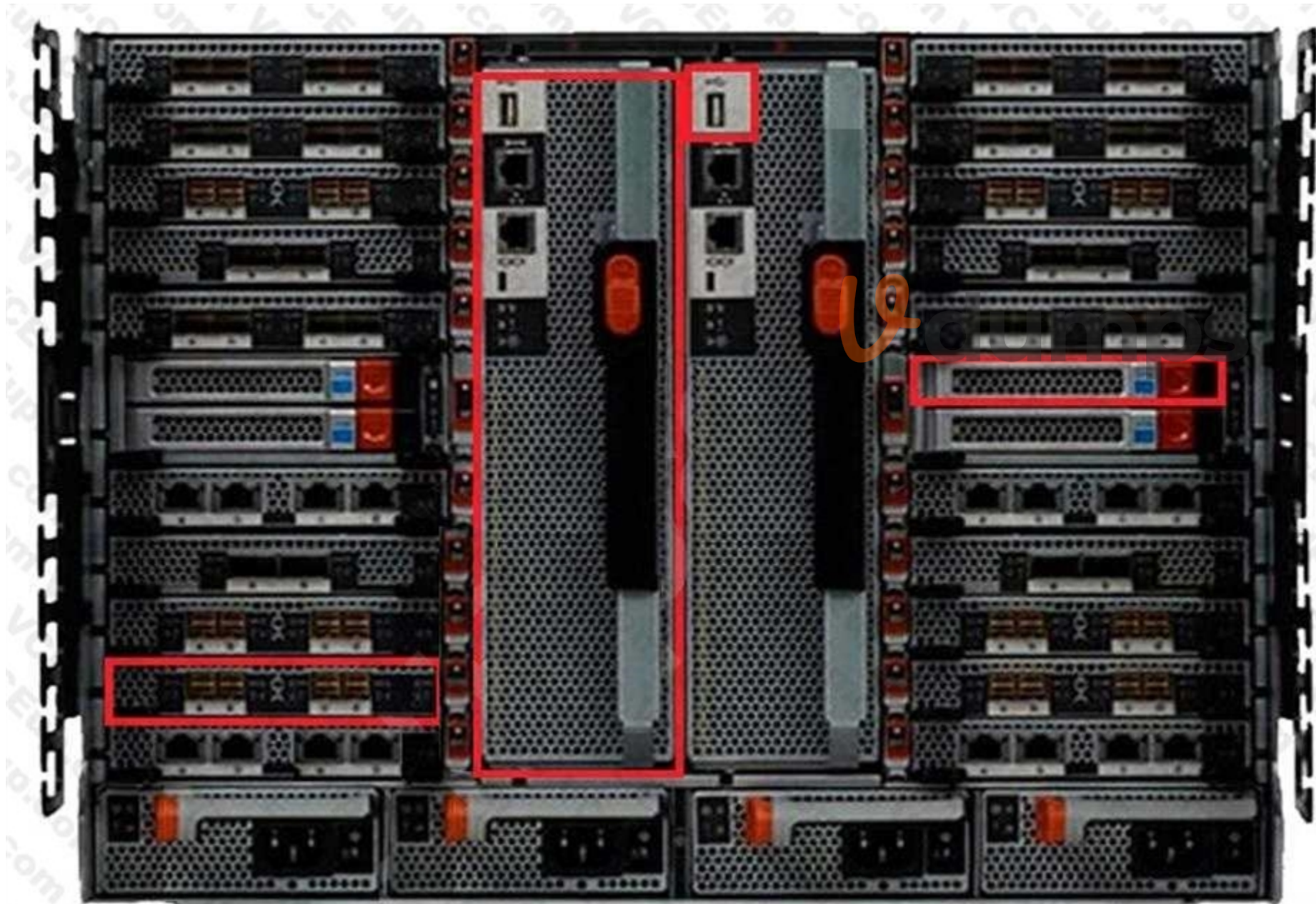
**Section:**

**Explanation:**

Reference: [https://thinksystem.lenovofiles.com/storage/help/index.jsp?topic=%2Fhw-sw-ix8-setup%2F43A528F5-967F-432E-94CE-89A38234A8DC\\_.html](https://thinksystem.lenovofiles.com/storage/help/index.jsp?topic=%2Fhw-sw-ix8-setup%2F43A528F5-967F-432E-94CE-89A38234A8DC_.html)

**QUESTION 44**

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

**Correct Answer: A**

**Section:**

#### QUESTION 45

After the successful installation of a NetApp ONTAP cluster, the customer wants to know how to view telemetry data. The customer also wants to receive online information about any risks with the cluster and potential best-practice gaps.

Which tool satisfies the customer's requirements?

- A. Active IQ Digital Advisor
- B. Interoperability Matrix Tool
- C. Spot by NetApp
- D. Cloud Manager

**Correct Answer: A**

**Section:**

**Explanation:**

Reference: [http://docs.netapp.com/us-en/ontap/pdfs/sidebar/Cluster\\_administration.pdf](http://docs.netapp.com/us-en/ontap/pdfs/sidebar/Cluster_administration.pdf)

#### QUESTION 46

After the installation of a new ONTAP 9.8 cluster, you have to verify if AutoSupport works.

In this scenario, which two commands would you use to accomplish this task? (Choose two.)

- A. system node autosupport history show
- B. system node autosupport check show
- C. system node autosupport destination show
- D. system node autosupport invoke

**Correct Answer: A, B**

**Section:**

**Explanation:**

Reference: [http://docs.netapp.com/us-en/ontap/pdfs/sidebar/Troubleshoot\\_AutoSupport.pdf](http://docs.netapp.com/us-en/ontap/pdfs/sidebar/Troubleshoot_AutoSupport.pdf)

#### QUESTION 47

A customer requires encryption at rest on every node root volume.

In this scenario, which two encryption solutions will fulfill this requirement? (Choose two.)

- A. NVE
- B. IPsec
- C. NAE
- D. NSE

**Correct Answer: A, C**

**Section:**





**Explanation:**

Reference: <https://docs.netapp.com/us-en/ontap/encryption-at-rest/configure-netapp-volumeencryption-concept.html#aggregate-level-encryption>

**QUESTION 48**

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.

**Correct Answer: A, C**

**Section:**

**Explanation:**

Reference: <https://docs.netapp.com/us-en/ontap-systems/ns224/hot-add-shelf.html#prepare-an-ffa700-aff-a800-or-aff-a400-ha-pair-to-hot-add-a-second-shelf>

**QUESTION 49**

When creating a new 3.8 TB SSD-based aggregate, what is the default RAID type used with ONTAP 9.8?

- A. RAID 4
- B. RAID-TEC
- C. RAID 0
- D. RAID DP

**Correct Answer: D**

**Section:**

**Explanation:**

Reference: <http://docs.netapp.com/us-en/ontap/disks-aggregates/default-raid-policies-aggregatesconcept.html>

