

Exam Questions NS0-184

NetApp Certified Storage Installation Engineer - ONTAP

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NEW QUESTION 1

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.

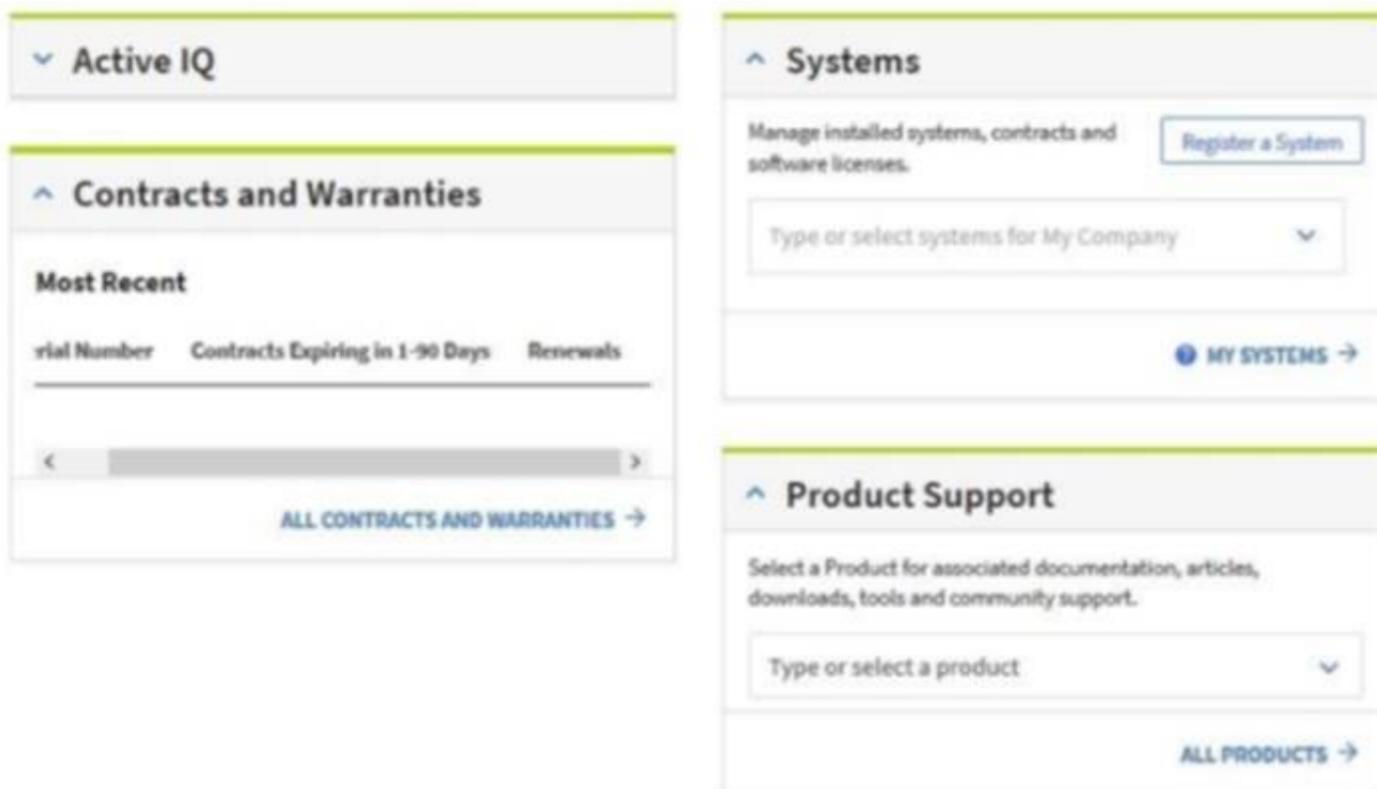
In this scenario, which NetApp tool would satisfy this requirement?

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

Answer: D

NEW QUESTION 2

Click the Exhibit button.



While you are introducing the customer to the NetApp Support website, they ask you to ensure that the new ONTAP storage array is covered by support before you complete the knowledge transfer procedure. Referring to the exhibit, which two widgets would you select to accomplish this task? (Choose two.)

- A. Active IQ
- B. Product Support
- C. Systems
- D. Contracts and Warranties

Answer: CD

NEW QUESTION 3

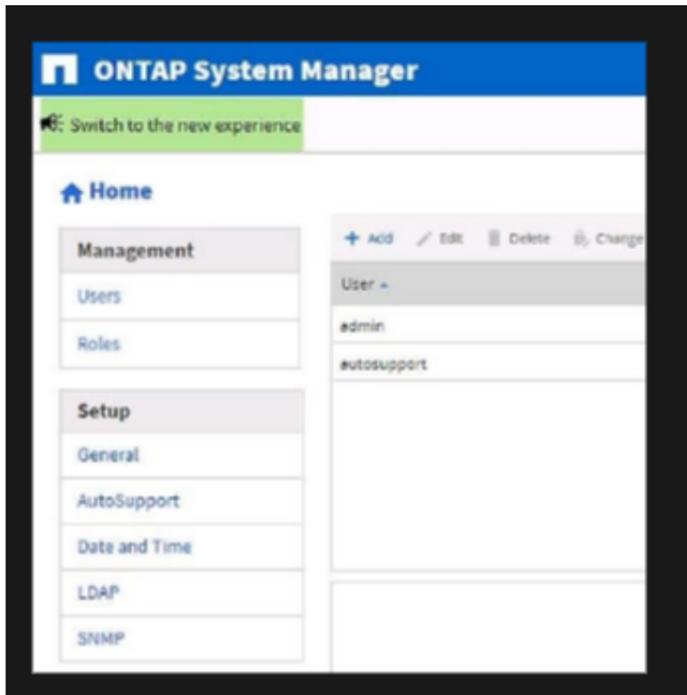
You are adding new nodes to a 2-node switchless cluster. According to NetApp, what must you do before adding the nodes?

- A. You must configure cluster peering.
- B. must install interconnect switches.
- C. You must configure vservers peering.
- D. You must enable a cluster HA

Answer: B

NEW QUESTION 4

Exhibit:



You finished installing an ONTAP cluster and must inform the customer of the completion. As part of this exercise, you will show how to configure the ONTAP cluster using ONTAP System Manager, so that NetApp will receive notifications of any future issues. What would you select to allow the customer to receive this information?

- A. General
- B. Date and Time
- C. Users
- D. AutoSupport

Answer: D

NEW QUESTION 5

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.

Answer: BC

NEW QUESTION 6

Data ONTAP 9 supports which three features? (Choose three.)

- A. SMB 3.0
- B. NFSv2
- C. SnapMirror
- D. Infinite Volumes

Answer: ACD

NEW QUESTION 7

You are adding new controllers to an existing cluster. As part of the upgrade process, you have updated the BES-53248 cluster switches. In this scenario. Which two commands would you use to verify a healthy cluster after the upgrade? (Choose two.)

- A. network port show -ipSpace Cluster
- B. network interface show -vserver Cluster
- C. network device-discovery show -protocol cdp
- D. network interface show -vserver Cluster -fields auto-revert

Answer: AB

NEW QUESTION 8

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 an IPspaces.
- D. At least one LIF per node is required on each cluster.

Answer: BC

NEW QUESTION 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: BC

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)

NEW QUESTION 10

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

Answer: D

NEW QUESTION 10

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

Answer: AC

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-whatsnew/pdfs/fullsitesidebar/TR_4894NetApp_ONTAP_9_9_1_Feature_Overview.pdf

NEW QUESTION 14

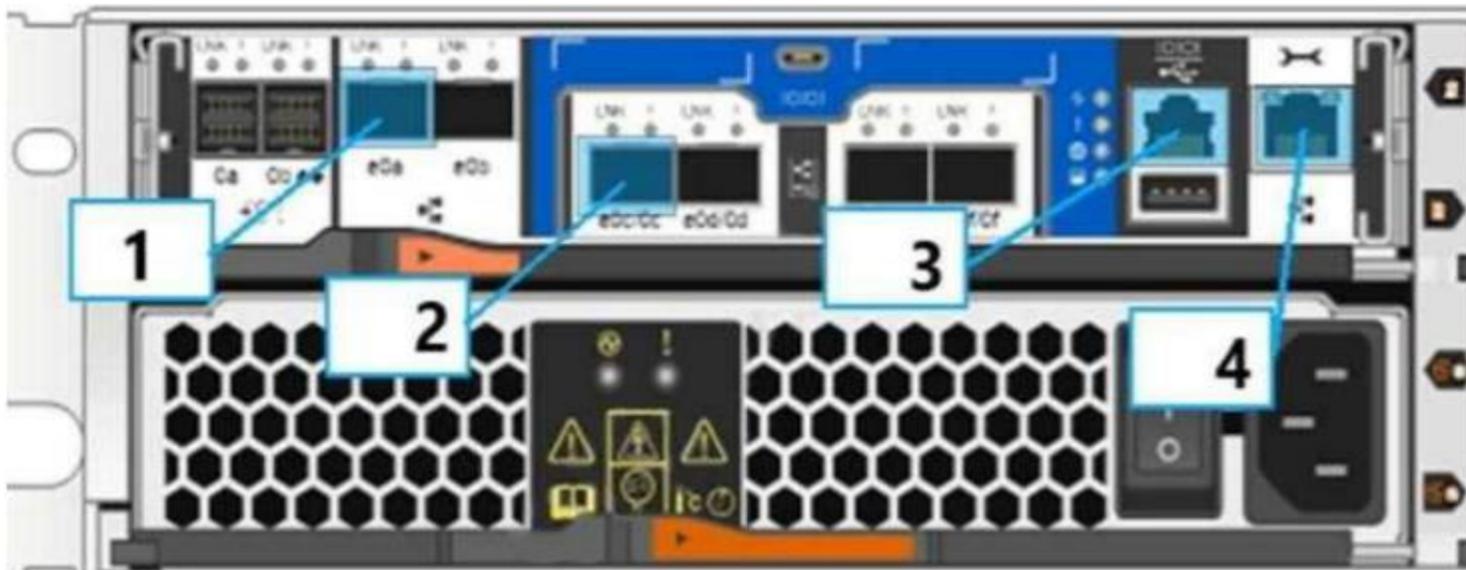
You have a new 2-node FAS8700 ONTAP 9.8 cluster. One of the nodes has 24x16 TB NL-SAS disks assigned and available for a new aggregate. You created the aggregate with one RAID group and two spare disks. In this scenario, how many data drives are in the aggregate?

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

Answer: A

NEW QUESTION 19

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

Answer: A

NEW QUESTION 22

Your customer is migrating data from a legacy FAS8020 system that runs ONTAP9.5 software to a new AFFA250 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 AFFA250s.
- B. Create a 4-node cluster on one side and use the volmove command to migrate the data.
- C. Use a host-based copy migration method.
- D. Configure a SnapMirror copy between the FAS8020 and the AFFA250 systems.

Answer: AD

NEW QUESTION 24

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.

Answer: BD

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

NEW QUESTION 27

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 non-disruptive 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.

Answer: CD

Explanation:

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

NEW QUESTION 30

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 pingclusternode1commandandreceivedtheoutputasshownintheexhibit. Which two checks indicate that the cluster is ready for the replacement to be performed? (Choose two.)

- A. 2paths up, 0paths down(TCP check)
- B. 2paths up, 0 paths down(UDP check)
- C. largertanPMTUcommunicationsucceedson4path(s)
- D. basicconnectivitysucceedson4path(s)

Answer: AD

NEW QUESTION 34

You want to disconnect a DS224C shelf with 3.8 TB NetApp Storage Encryption (NSE) SSDs to an AFF A300HApairwithtwoDS224C shelveswith3.8 TB SSDs without NSE in one stack. In this scenario, how would you add the shelf?

- A. Addtheshelftothe existingstack.
- B. Create a newstackon the HA pairto add the shelf.
- C. Connectthe shelfto anHA pair withNSE drives.
- D. LicenseNSE and add the shelfto thisHA pair as a new stack.

Answer: A

NEW QUESTION 37

Click the Exhibit button.

```
cluster1::*> cluster ring show
Node          UnitName Epoch   DB Epoch DB Trnxs Master      Online
-----
cluster1-01  mgmt      36           36    130   cluster1-02 secondary
cluster1-01  vldb     26           26     6    cluster1-02 secondary
cluster1-01  vifmgr   26           26    42   cluster1-02 secondary
cluster1-01  bcomd    26           26     1    cluster1-02 secondary
cluster1-01  crs      26           26     1    cluster1-02 secondary
cluster1-02  mgmt      36           36    130   cluster1-02 master
cluster1-02  vldb     26           26     6    cluster1-02 master
cluster1-02  vifmgr   26           26    42   cluster1-02 master
cluster1-02  bcomd    26           26     1    cluster1-02 master
cluster1-02  crs      26           26     1    cluster1-02 master
cluster1-03  mgmt      36           36    130   cluster1-02 secondary
cluster1-03  vldb     26           26     6    cluster1-02 secondary
cluster1-03  vifmgr   26           26    42   cluster1-02 secondary
cluster1-03  bcomd    26           26     1    cluster1-02 secondary
cluster1-03  crs      26           26     1    cluster1-02 secondary
cluster1-04  mgmt      36           36    130   cluster1-02 secondary
cluster1-04  vldb     26           26     6    cluster1-02 secondary
cluster1-04  vifmgr   26           26    42   cluster1-02 secondary
cluster1-04  bcomd    26           26     1    cluster1-02 secondary
cluster1-04  crs      26           26     1    cluster1-02 secondary
```

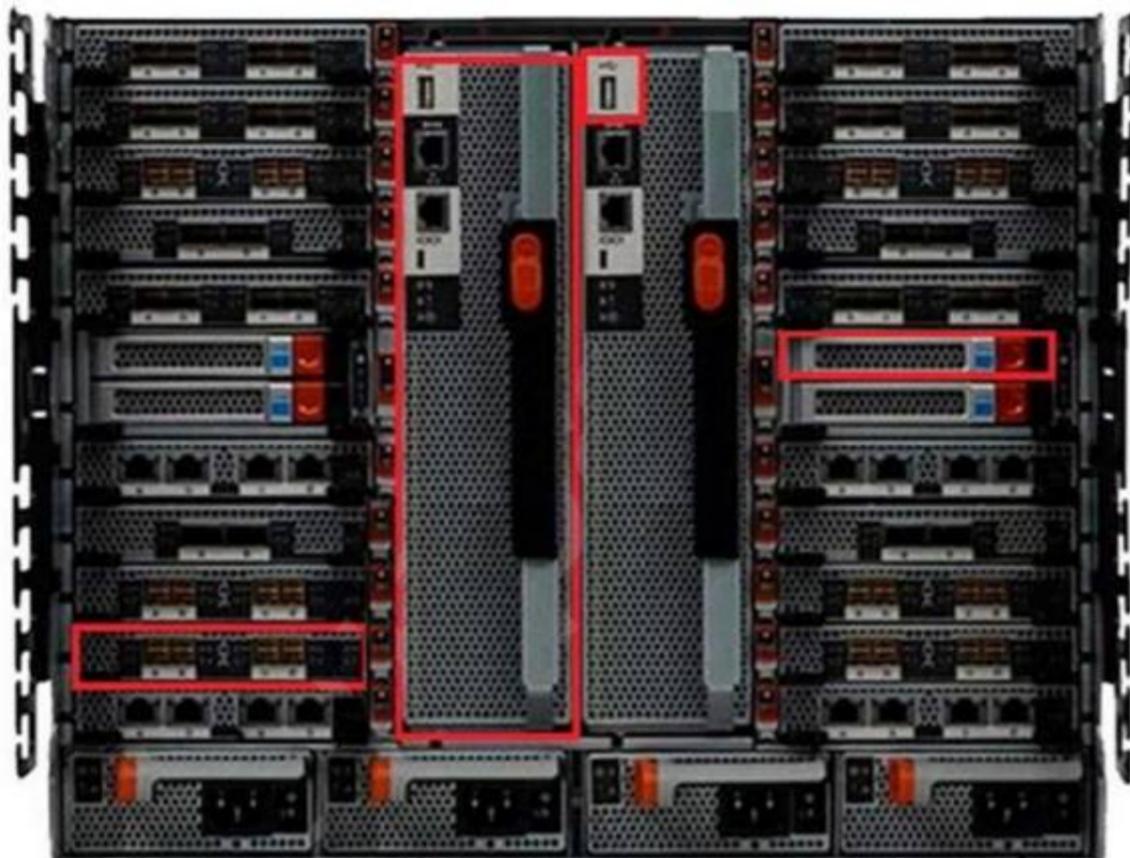
Immediately after installing a 4-node FAS8200 cluster, you discover that node, "cluster1-02", must be removed from the cluster. You want to use the cluster remove-node command to remove the node. Referring to the exhibit, which two statements are correct? (Choose two.)

- A. Verify that high availability is configured for failover to the HA partner, then remove the node.
- B. Make the node ineligible by using the cluster modify -eligibility false command, then remove the node.
- C. Move Epsilon to cluster1-02, then remove the node.
- D. Remove the node, then the cluster will elect a new master to remain in quorum.

Answer: AC

NEW QUESTION 41

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

NEW QUESTION 42

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 railkit
- E. cable management tray

Answer: ABC

Explanation:

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

NEW QUESTION 45

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

Answer: D

Explanation:

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

NEW QUESTION 49

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

Answer: C

Explanation:

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

NEW QUESTION 54

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