➢ **Vendor:** Network Appliance

➢ **Exam Code:** NS0-184

➢ **Exam Name:** NetApp Certified Storage Installation Engineer, ONTAP

➢ **New Updated Questions from Braindump2go (Updated in March/2022)**

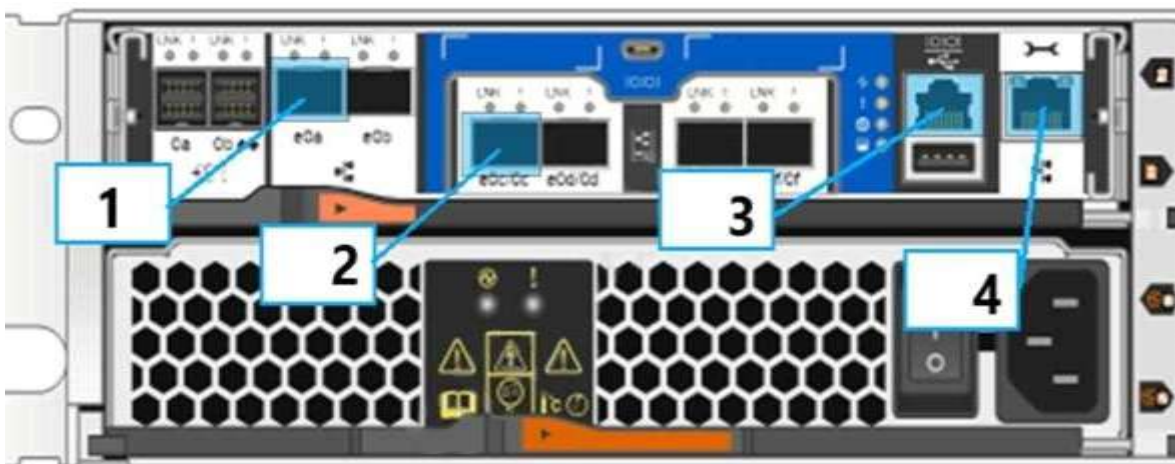## Visit Braindump2go and Download Full Version NS0-184 Exam Dumps

Question: 21

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

Explanation:

Reference:

https://documents.uow.edu.au/~blane/netapp/ontap/sysadmin/accessing/concept/c_oc_accs_acces s-methods-e0m.html

Question: 22

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

Explanation:

Reference: http://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-cmpr-970%2Fstorage__aggregate_create.html

Question: 23

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.

Answer: A, D

Explanation:

Question: 24

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

Answer: B

Explanation:

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

Question: 25

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

Answer: A, D

Explanation:

Question: 26

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

Answer: B, C

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-series-modular-system/flex-pod-datacenter-ucs-intersight.html

Question: 27

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: A, C

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-whatsnew/pdfs/fullsite-sidebar/TR_4894__NetApp_ONTAP_9_9_1_Feature_Overview.pdf

Question: 28

Click the Exhibit button.

```
cluster1::> network interface show
          Logical    Status      Network              Current       Current Is
Vserver   Interface  Admin/Oper  Address/Mask         Node          Port    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

Answer: A

Explanation:

Question: 29

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

Answer: B,D

Explanation:

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

Question: 30

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: B,D

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_c

annot_perform_takeover

Question: 31

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.

Explanation:

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

Question: 32

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 ping-cluster 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)

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D. basic connectivity succeeds on 4 path(s)

Answer: A, D

Explanation:

Question: 33

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

Explanation:

Question: 34

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

Answer: B

Explanation:

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

Question: 35

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.

_____

_____ **Answer: C, D** _____

Explanation:

Question: 36

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

Answer: A

Explanation:

Reference: https://docs.netapp.com/us-en/ontap-select/pdfs/fullsite-sidebar/ONTAP_Select_documentation.pdf

Question: 37

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: B,C

Explanation:

Question: 38

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

Answer: D

Explanation:

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

Question: 39

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
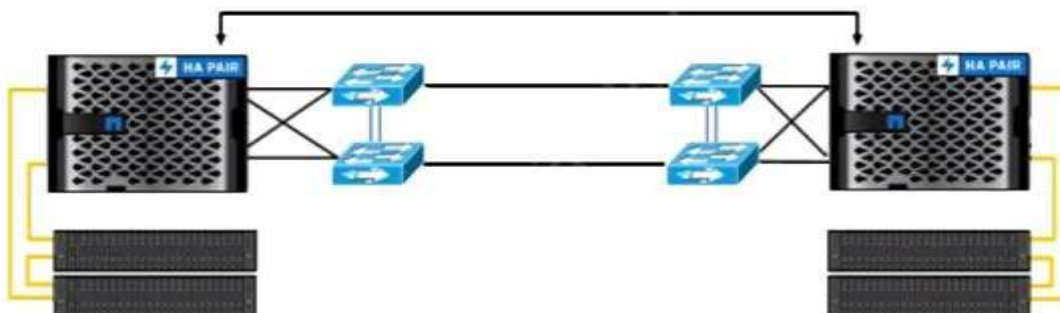
Explanation:

Reference:
https://kb.netapp.com/Advice_and_Troubleshooting/Data_Storage_Software/ONTAP_OS/How_to_c onfigure_communication_between_ONTAP_and_Service_Processor_(SP)_or_BMC_with_Certificate_ Authority_(CA)_signed_certificates

Question: 40

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

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Answer: A, C

Explanation:

Question: 41

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

Explanation:

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