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**Vendor:**NetApp

**Exam Code:**NS0-161

**Exam Name:**NetApp Certified Data Administrator,  
ONTAP

**Version:**Demo

**QUESTION 1**

Your company requires that all data must be encrypted in flight to prevent data from falling into the wrong hands.

What are two ways to accomplish this task? (Choose two.)

- A. Ensure that SnapMirror compression is enabled in all SnapMirror relationships.
- B. Modify your cluster peering relationships to support cluster peering encryption.
- C. Enable Multi-Factor Authentication (MFA) for your SnapMirror relationships.
- D. Ensure that all intercluster replication traffic is done through a VPN tunnel.

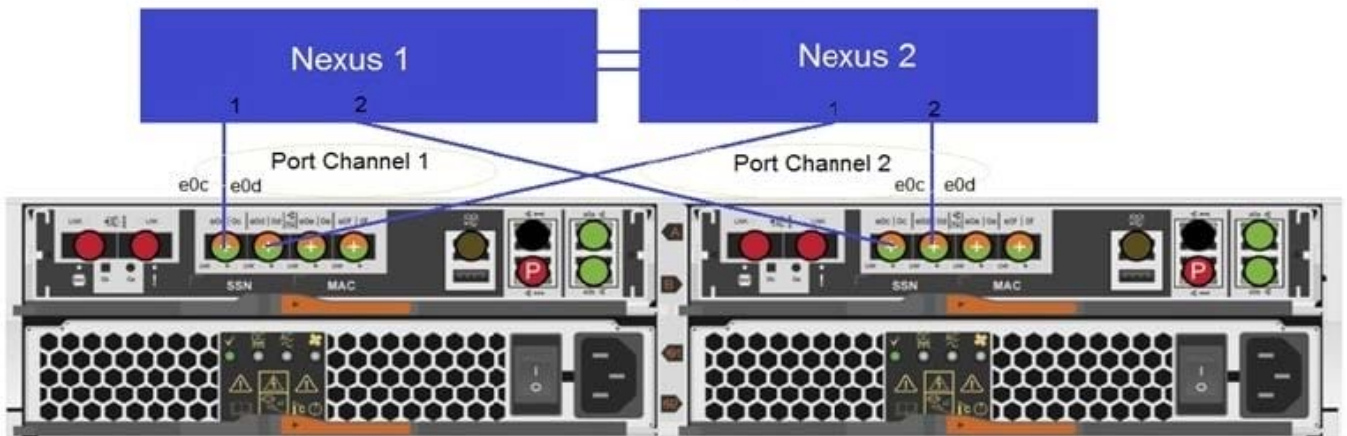
Correct Answer: BC

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**QUESTION 2**

Click the Exhibit button.

## Correct Design Diagram



## Current Connections

```
cluster1::> network device-discovery show
```

Node/ Protocol	Local Port	Discovered Device	Interface	Platform
node1/cdp	e0c	Nexus1 (SSI142311PD)	tengigabitethernet1/1/1	N5K-C5010P-BF
	e0d	Nexus1 (SSI142311PD)	tengigabitethernet1/1/2	N5K-C5010P-BF
node2/cdp	e0c	Nexus2 (SSI142311KK)	tengigabitethernet2/1/2	N5K-C5010P-BF
	e0d	Nexus2 (SSI142311KK)	tengigabitethernet2/1/1	N5K-C5010P-BF

4 entries were displayed.

```
cluster1::> network port ifgrp show
```

Node	Port ifgrp	Distribution Function	MAC Address	Active Ports	Ports
node1	a0a	ip	b8:f8:7a:20:00	partial	e0c, e0d
node2	a0a	ip	07:25:60:02:00	partial	e0c, e0d

You configured LACP between a 2-node AFF 220 system and two Ethernet switches using multichassis Ether-channel for redundancy. You sent the network connection diagram in the exhibit to your network team to cable and configure the switch. You noticed partial connectivity on the AFF A220 for the interface groups.

Referring to the exhibit, which two statements are correct? (Choose two.)

- A. ONTAP does not have a multichassis Ether-channel feature.
- B. The network team forgot to verify the port channel members.
- C. 10 GbE ports are not supported with the AFF A220.
- D. The storage cabling to the switches is incorrect.

Correct Answer: AC

## QUESTION 3

You are asked to delete an SVM that was used for CIFS.

Which two steps must be completed prior to completing this task? (Choose two.)

- A. Delete all LIFs from all SVMs.
- B. Stop the SVM.
- C. Delete all data volumes in the SVM.
- D. Delete the CIFS license.

Correct Answer: BC

Reference: <https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.onc-sm-help-900%2FGUID-1286A6CD-2981-444F-97F6-65D65A00D758.html>

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#### QUESTION 4

You created a thick-provisioned NAS volume. You receive an alert that the snapshot reserve is full. In this scenario, which two actions will solve this problem? (Choose two.)

- A. Increase the fractional reserve.
- B. Increase the snapshot reserve percentage.
- C. Delete Snapshot copies.
- D. Decrease the volume size.

Correct Answer: AC

Reference: <https://docs.netapp.com/ontap-9/index.jsp?topic=%2Fcom.netapp.doc.dot-cm-vsmg%2FGUID2F5C9474-FFE9-4E59-84DB-1B9D6D134688.html>

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#### QUESTION 5

Click the Exhibit button.

Filesystem	kbytes	used	avail	capacity	Mounted on
/vol/netapp_n01/	347277960	39072700	308205260	11%	/vol/netapp_n01/
/vol/netapp_n01/.snapshot	18277784	14637544	14637544	20%	/vol/netapp_n01/.snapshot
/vol/netapp_esx/	996148	1112	995036	0%	/vol/netapp_esx/
/vol/netapp_esx/.snapshot	52428	18252	34176	35%	/vol/netapp_esx/.snapshot
/vol/netapp_lnx_m1/	996148	10808	985340	1%	/vol/netapp_lnx_m1/
/vol/netapp_lnx_m1/.snapshot	0	0	0	0%	/vol/netapp_lnx_m1/.snapshot
/vol/netapp_esx_m1/	996148	844	995304	0%	/vol/netapp_esx_m1/
/vol/netapp_esx_m1/.snapshot	52428	26348	26080	50%	/vol/netapp_esx_m1/

Referring to the exhibit, which volume has a snap reserve value set to zero (0)? (Choose the best answer.)

- A. netapp\_esx\_m1

- B. netapp\_esx
- C. netapp\_lnx\_m1
- D. netapp\_n01

Correct Answer: A

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### QUESTION 6

Click the Exhibit button.

```
clus01::> fcp interface show
(vserver fcp interface show)
-----
Vserver      Logical   Status      Current    Current    Is
Interface    Admin/Oper WWPN        Node       Port       Home
-----
svm01        fc-1     up/up       20:01:00:a0:98:87:b6:ce clus01-01 0c true
svm01        fc-2     up/up       20:02:00:a0:98:87:b6:ce clus01-02 0d true
2 entries were displayed.
```

```
clus01::> fcp adapter show -fields fc-wwpn. node, fc-wwnn
(network fcp adapter show)
-----
node         adapter  fc-wwnn          fc-wwpn
-----
clus01-01   0c       50:0a:09:80:80:31:06:da 50:0a:09:81:80:31:06:da
clus01-02   0d       50:0a:09:80:80:11:0d:bb 50:0a:09:81:80:11:0d:bb
```

2 entries were displayed.

```
clus01::>
```

You are planning to present storage to your servers from your AFF system using FC protocol. You have a pair of FC switches to ensure connectivity and you have decided to use WWPN zoning.

Referring to the exhibit, which two WWPNs do you use for your configuration? (Choose two.)

- A. fc-2 WWPN
- B. fc-1 WWPN
- C. 0d WWPN
- D. 0c WWPN

Correct Answer: AB

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### QUESTION 7

Click the Exhibit button.

```
cluster1::> network interface service-policy show
```

Vserver	Policy	Service: Allowed Addresses
cluster1	default-intercluster	intercluster-core: 10.10.1.0/8 management-https: 0.0.0.0/0
	default-management	management-core: 0.0.0.0/0 management-autosupport: 0.0.0.0/0 management-ssh: 192.168.1.0/24 management-https: 192.168.1.0/24
	default-route-announce	management-bgp: 0.0.0.0/0
Cluster	default-cluster	cluster-core: 0.0.0.0/0
SVM1	default-data-blocks	data-core: 0.0.0.0/0 data-iscsi: 0.0.0.0/0
	default data files	data-core: 0.0.0.0/0 data-nfs: 0.0.0.0/0 data-cifs: 0.0.0.0/0 data-flexcache: 0.0.0.0/0
	default-management	data-core: 0.0.0.0/0 management-ssh: 192.168.1.0/24 management-https: 192.168.1.0/24

7 entries were displayed

Your ONTAP 9.7 cluster failed a security audit on the management control plane. Your network security team asked you to allow only cluster1 and SVM1 management on the 192.168.1.0/24 subnet.

In this scenario, where do you apply the default-management service policy shown in the exhibit? (Choose the best answer.)

- A. LIF
- B. DNS
- C. port
- D. firewall

Correct Answer: A

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**QUESTION 8**

What is the default RAID policy for aggregates created with 10 TB disk drives? (Choose the best answer.)

- A. RAID4
- B. RAID-DP
- C. RAID0
- D. RAID-TEC

Correct Answer: D

Reference: <https://docs.netapp.com/ontap-9/topic/com.netapp.doc.dot-cm-psmg/GUID-2808F15F-60574E43-9407-5B3CA274E6C5.html>

**QUESTION 9**

Click the Exhibit button.

Platform Configuration: AFF A300 Single Chassis HA pair				
Port Address	Description	Max Data Rate	Port Icon	Port Type
0a	Serial-Attached SCSI	SAS: 6/12 Gbps	SAS	MiniSAS HD
0b	Serial-Attached SCSI	SAS: 6/12 Gbps	SAS	MiniSAS HD
0c	Serial-Attached SCSI	SAS: 6/12 Gbps	SAS	MiniSAS HD
0d	Serial-Attached SCSI	SAS: 6/12 Gbps	SAS	MiniSAS HD
e0a	Ethernet	Ethernet: 10 Gbps	Ethernet	SFP+
e0b	Ethernet	Ethernet: 10 Gbps	Ethernet	SFP+
e0c	Ethernet	Ethernet: 1/10 Gbps	Ethernet	RJ45
e0d	Ethernet	Ethernet: 1/10 Gbps	Ethernet	RJ45
e0/0e <sup>[1]</sup>	Unified Target Adapter 2	Ethernet: 1/10 Gbps FC: 4/8/16 Gbps	Ethernet/Fibre Channel	SFP+



You want to add shelves to an AFF A300 HA pair that currently has six DS224C shelves already connected. You are using the onboard SAS port only, and you want to keep the multipath high availability (MPHA) configuration.

Referring to the exhibit, what is the maximum number of additional shelves allowed to be added in this configuration?

(Choose the best answer.)

- A. 2
- B. 10
- C. 6
- D. 4

Correct Answer: A

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#### QUESTION 10

You are asked to separate replication and data traffic into their own individual VLANs. You created two new VLANs and need to create logical interfaces (LIFs).

In this scenario, what must you do before creating the LIFs? (Choose the best answer.)

- A. Create a firewall policy.
- B. Create an interface group.
- C. Create a network subnet.
- D. Create a broadcast domain.

Correct Answer: B

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#### QUESTION 11

Your company has recently decided to stop using the Fibre Channel Protocol (FCP) in the data center. You are asked to decommission FCP and reuse any UTA2 ports to 10 GbE.

Which two steps are involved in this task? (Choose two.)

- A. Reboot the nodes.
- B. Destroy any FC LIFs hosted on UTA2 ports.
- C. Remove the FCP license from all nodes in the cluster.
- D. License additional <https://www.netapp.com/pdf.html?item=/media/13482-tr4375pdf.pdf> for 10 GbE connectivity.

Correct Answer: AC

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#### QUESTION 12

You are the administrator of your company's ONTAP 9.7 storage system. Your system hosted CIFS shares in your Active Directory environment for several years without any problems. Suddenly users report to you that they can no longer access their CIFS shares.



What is the reason for this problem? (Choose the best answer.)

- A. The CIFS standard license expired.
- B. The user account used to join your SMB server to your Active Directory expired.
- C. The WINS servers are unreachable.
- D. The NTP servers are unreachable.

Correct Answer: D