

Exam Questions NS0-159

NetApp Certified Data Administrator, ONTAP

<https://www.2passeasy.com/dumps/NS0-159/>



NEW QUESTION 1

Click the Exhibit button.

```
slot 4: 40 Gigabit Ethernet Controller XL710 QSFP+
  e4a MAC Address: 00:a0:98:90:3c:0c (auto-40g_cr4-fd-up)
    QSFP Vendor: CISCO
    QSFP Part Number: L45593-D118-B50
    QSFP Serial Number: LCC1930G7AX-A
  e4a MAC Address: 00:a0:98:90:3c:10 (auto-40g_cr4-fd-up)
    QSFP Vendor: CISCO
    QSFP Part Number: 2231254-3
    QSFP Serial Number: TED1930E04J-A
Device Type: XL710 B1
Firmware Version: nvm 5.04 etid 8000250c
Part Number: 111-02590
Hardware Revision: 50
Serial Number: 031552001014
```

Referring to the exhibit, how are ports e4a and e4e being used?

- A. as 40 Gb Ethernet ports connected through a QSFP+ to four 10 Gb Ethernet ports on a 10 Gb Ethernet switch
- B. as 40 Gb Ethernet ports connected to a 40 Gb Ethernet switch
- C. as 40 Gb Ethernet ports connected to a Cisco Nexus switch using native FC
- D. as 40 Gb Ethernet ports with no connection to any Ethernet switch

Answer: C

NEW QUESTION 2

You want e-mail notifications sent to you automatically when latency reaches a warning level of 15 milliseconds and a critical level of 20 milliseconds on a volume that stores your Oracle database files.

In this- scenario, which type of threshold policy should be created within OnCommand Unified Manager?

- A. a LUN Threshold Policy
- B. a Volume Threshold Policy
- C. an SVM Threshold Policy
- D. a Cluster Threshold Policy

Answer: B

NEW QUESTION 3

A storage administrator has a Linux Oracle database that is using a SAN configuration with multiple dualported FC HBA connections for path resiliency and performance. The HBA ports are configured to separate FC switches.

Before configuring the LUNs from the storage, what information must be obtained from the host? (Choose three.)

- A. the status of ALUA
- B. the WWPNs of all of the FC ports installed
- C. the speed of the FC ports of the host HBAs
- D. the status of the multipathing driver
- E. the amount of cache memory installed

Answer: BCD

NEW QUESTION 4

You want to create a new storage pool of SSDs to provide a performance tier for FlashPool-enabled aggregates on node1 and node2. You expect that the FabricPool aggregates on node1 will require more of the performance tier than the aggregates on node2.

Which action satisfies the requirement?

- A. Use the storage pool reassign command to reassign storage pool allocation units from node2 to node1.
- B. Use the storage disk reassign command to reassign disk from SSD storage pool from node2 to node1.
- C. Use the storage pool add command to add HDDs to the FabricPool aggregates on node1.
- D. Use the storage pool modify command to change the parity of the RAID groups in the storage pool to RAID-4.

Answer: A

NEW QUESTION 5

You create a Snapshot copy of a new volume.

Which activity increases the size of the new Snapshot copy?

- A. deleting data that was written to the volume after the Snapshot copy was created
- B. writing new data to the volume after the Snapshot copy was created
- C. reading data that was written to the volume before the Snapshot copy was created
- D. deleting data that was written to the volume before the Snapshot copy was created

Answer: D

NEW QUESTION 6

Which two features are available for CIFS shares on ONTAP 9.3? (Choose two.)

- A. EFS volume encryption
- B. distributed file system replication (DFSR)
- C. BranchCache
- D. access-based enumeration (ABE)

Answer: BD

NEW QUESTION 7

What are three default settings for SAN volumes when volumes are created with System Manager on AFF solutions? (Choose three.)

- A. Volume space is reserved from the aggregate.
- B. Aggregate inline deduplication is enabled.
- C. Volume compression is enabled.
- D. Volumes are thin provisioned.
- E. Volumes have the default snapshot schedule enabled.

Answer: BCD

NEW QUESTION 8

A customer wants to add nodes to an 8-node AFF A700 NAS cluster. In this scenario, what is the maximum number of additional nodes?

- A. 12
- B. 24
- C. 8
- D. 16

Answer: D

NEW QUESTION 9

Which three name services are supported with NFS? (Choose three.)

- A. External NIS domains (NIS)
- B. External LDAP domains (LDAP)
- C. NetBIOS
- D. WINS
- E. Local Users (file)

Answer: ABE

NEW QUESTION 10

Click the Exhibit button.

```

::> storage failover show

```

Node	Partner	Takeover Possible	State Description
node1	node2	-	Waiting for giveback
node2	node1	false	In takeover.
node3	node4	-	Waiting for giveback
node4	node3	false	In takeover, Auto giveback will be initiated in 30 seconds

Your 4-node cluster has two controllers in takeover as shown in the exhibit. Which action must be performed to ensure a giveback occurs on both nodes?

- A. Perform a giveback of node1.
- B. Perform a giveback of node4.
- C. Perform a giveback of node3.
- D. Perform a giveback of node2.

Answer: B

NEW QUESTION 10

A storage administrator is not receiving performance alerts on an OnCommand Unified Manager policy that was created for a NAS volume. Which additional task is required to solve this problem?

- A. You should assign a tiering policy.
- B. You should assign the performance threshold policy.
- C. You should clear the performance threshold policy.
- D. You should search for volume data.

Answer: B

NEW QUESTION 11

You have a 4-node cluster with 2x AFF A300 and 2x FAS8200 controllers. One of the AFF A300 controllers has a 50 TB FlexVol volume that needs an immediate read-write copy for standalone testing on one of the FAS8200 controllers.
Which two commands combined accomplish this task? (Choose two.)

- A. volume rehost
- B. volume clone create
- C. volume move
- D. volume clone split

Answer: BD

NEW QUESTION 14

You use the Automated Workload Analyzer (AWA) to identify workloads that would benefit from which feature?

- A. Flash Pool aggregates
- B. Advances Disk Partitioning
- C. storage efficiency
- D. FabricPool capacity tier

Answer: A

NEW QUESTION 15

When a cluster is created, which two objects are required to provide management access? (Choose two.)

- A. data LIFs
- B. data SVM
- C. management LIFS
- D. admin SVM

Answer: CD

NEW QUESTION 20

Where would a cluster administrator move a FlexVol volume using the volume move command?

- A. to aggregates on other nodes in the cluster
- B. only to an aggregate on the partner node
- C. to any node that does not host a SnapMirror of the same FlexVol
- D. to another SVM in the cluster

Answer: A

NEW QUESTION 22

Click the Exhibit button.

```
::> system license show-status -license NFS -fields license
status license
-----
valid  NFS

::> nfs show -fields access,v3,v4.0,v4.1,v4.0-acl

vserver access  v3      v4.0    v4.0-acl  v4.1
svm1    false   enabled enabled  disabled enabled
svm2    true    enabled disabled disabled  enabled
```

A storage administrator is unable to mount NFS volumes in the SVM1 namespace. Referring to the exhibit, what is causing this problem?

- A. The NFS v4 ACL support is disabled
- B. The NFS protocol is disabled
- C. The NFS license is disabled
- D. The NFS v3 and v4 protocols are running at the same time.

Answer: B

NEW QUESTION 23

Your company has two separate, untrusted Active Directory (AD) domains. You need to serve CIFS shares to users in both AD domains and will later merge to one AD domain. The end goal is to serve all CIFS shares out of a single SVM.
In this scenario, which two actions will meet both requirements? (Choose two.)

- A. Create two SVMs.
- B. Execute the volume rehost command.
- C. Create one SVM.
- D. Execute the volume modify command.

Answer: AD

NEW QUESTION 27

Which NetApp tool is used to perform a configuration validation and health check that includes a high availability setup?

- A. SnapCenter
- B. Hardware Universe
- C. Config Advisor
- D. Inventory Collect Tool

Answer: C

NEW QUESTION 29

A cluster is running ONTAP 9.3. You create a SnapMirror relationship and specify the type as DR and the policy as MirrorAllSnapshots. When you view the newly created relationship; you notice that the policy is MirrorAllSnapshots, but the type is XDP, not DP. In this scenario, why is the type XDP instead of DP?

- A. ONTAP 9.3 does not support DP.
- B. The source NetApp cluster is running an older version of ONTAP.
- C. ONTAP 9.3 defaults all new relationships to XDP.
- D. The MirrorAllSnapshots policy is available only for XDP.

Answer: B

NEW QUESTION 32

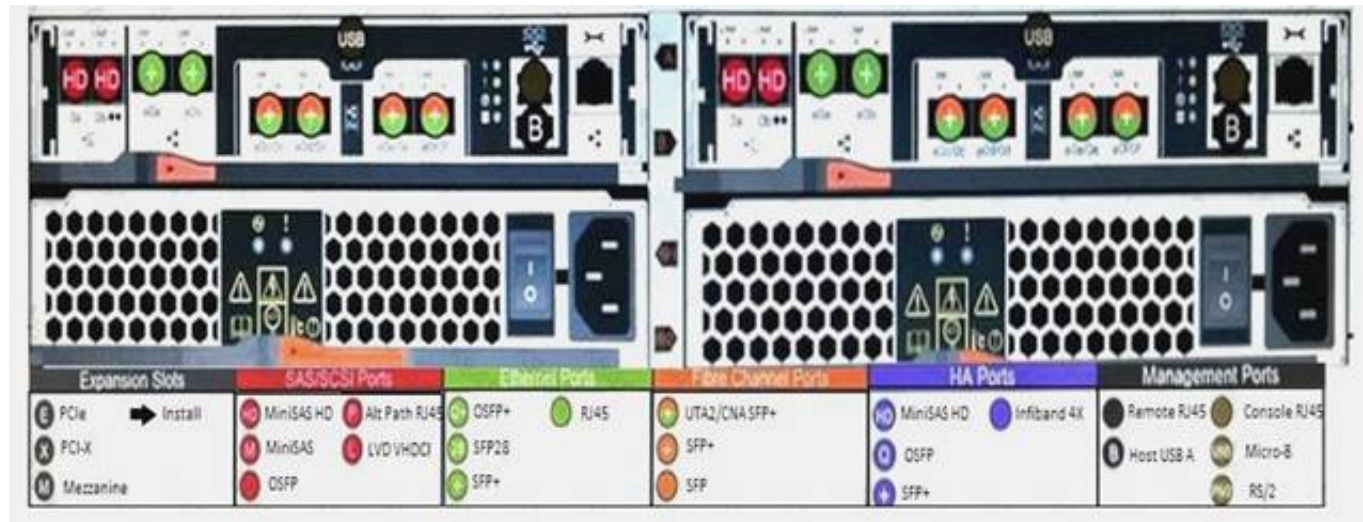
You want to enable jumbo frames for iSCSI traffic on your cluster. To satisfy this requirement, what would you modify on the cluster?

- A. broadcast domains
- B. igroups
- C. iSCSI LIFs
- D. network ports

Answer: A

NEW QUESTION 35

Click the Exhibit button.



According to NetApp best practice, which ports are supported for FC as shown in the exhibit?

- A. SAS Ports
- B. HA Ports
- C. Management Ports
- D. UTA2 Ports

Answer: D

NEW QUESTION 40

You are using an AFF A700.

In this scenario, which two default storage efficiency techniques will help save space? (Choose two.)

- A. postprocess deduplication
- B. inline deduplication
- C. postprocess compaction
- D. inline compression

Answer: BD

NEW QUESTION 43

Within ONTAP 9.3, in which two layers would deduplication be applied? (Choose two.)

- A. aggregate a
- B. qtree
- C. LUN
- D. volume

Answer: BD

NEW QUESTION 47

You relocate an aggregate to a different node by using the storage aggregate relocate command. In this scenario, which rule applies?

- A. You can only relocate an aggregate that is not assigned to a specific SVM.
- B. You must first break the relationship to move an aggregate that hosts a replication destination.
- C. You can only relocate an aggregate to the HA partner node.
- D. You cannot relocate an aggregate that is hosting a FlexGroup constituent volume.

Answer: C

NEW QUESTION 52

When FCoE is used in a cluster, which feature must be licensed?

- A. iSCSI
- B. CIFS
- C. NFS
- D. FCP

Answer: D

Explanation: FCP license must be enabled on the cluster.

NEW QUESTION 54

Which three objects are restorable from a FlexVol Snapshot copy? (Choose three.)

- A. FlexVol volume
- B. file
- C. NFS export
- D. LUN
- E. qtree

Answer: ABD

NEW QUESTION 57

Your company is merging with another company that has overlapping IP addresses from the same subnet range. You need to connect your ONTAP 9.3 cluster to the overlapping network.

In this scenario, which ONTAP networking feature allows connectivity without IP address conflicts?

- A. VLAN
- B. subnet
- C. broadcast domain
- D. IPspace

Answer: D

NEW QUESTION 61

You want to create an SVM disaster recovery relationship for a production SVM. When you create the destination SVM, which vserver subtype should you choose?

- A. dp-destination
- B. sync-destination
- C. default
- D. sync-source

Answer: B

NEW QUESTION 63

You are running out of space on an aggregate and decide to move a FlexVol volume to a different aggregate. You do not want to move the Snapshot copies with the volume.

Which two actions satisfy your requirement? (Choose two.)

- A. Use the volume move command on the FlexClone volume.
- B. Use the storage aggregate relocation command on the node.
- C. Create a FlexClone volume.
- D. Use the volume rehost command on the FlexClone volume.

Answer: AB

NEW QUESTION 66

When a storage QoS policy is configured, which two metrics are configured with a maximum limit? (Choose two.)

- A. TOPS

- B. latency
- C. MBps
- D. concurrent connections

Answer: AC

NEW QUESTION 68

A customer requires that their data is fully protected from theft, both at the volume layer and at the disk layer. Which two features of ONTAP satisfy this requirement? (Choose two.)

- A. Kerberos
- B. NetApp Volume Encryption
- C. Challenge Handshake Authentication Protocol
- D. NetApp Storage Encryption

Answer: BD

NEW QUESTION 69

What are two security types available for NFSv3 shares? (Choose two.)

- A. mixed
- B. Kerberos v5
- C. AUTH_SYS
- D. unified

Answer: BC

NEW QUESTION 73

Where would you look to find the minimum and the maximum number of array LUNs supported by FlexArray?

- A. OneCollect
- B. Config Advisor
- C. Hardware Universe
- D. Interoperability Matrix Tool (IMT)

Answer: C

NEW QUESTION 77

An administrator encountered a ransomware attack that affected the active file system data. They have been creating Snapshot copies on an hourly schedule. They determine that the entire volume needs to be recovered. In this scenario, which command would you use?

- A. volume snapshot restore
- B. volume snapshot modify
- C. volume snapshot create
- D. volume snapshot delete

Answer: A

NEW QUESTION 81

You have a 4-node cluster and want to ensure that a new NAS LIF can fail over to any node. In this scenario, which two actions are required to configure the LIF? (Choose two.)

- A. Add ports from all nodes to the LIF's broadcast domain.
- B. Configure the failover policy to broadcast-domain-wide.
- C. Add ports from all nodes to the LIF's home port list.
- D. Configure the failover policy to system-defined.

Answer: AD

NEW QUESTION 84

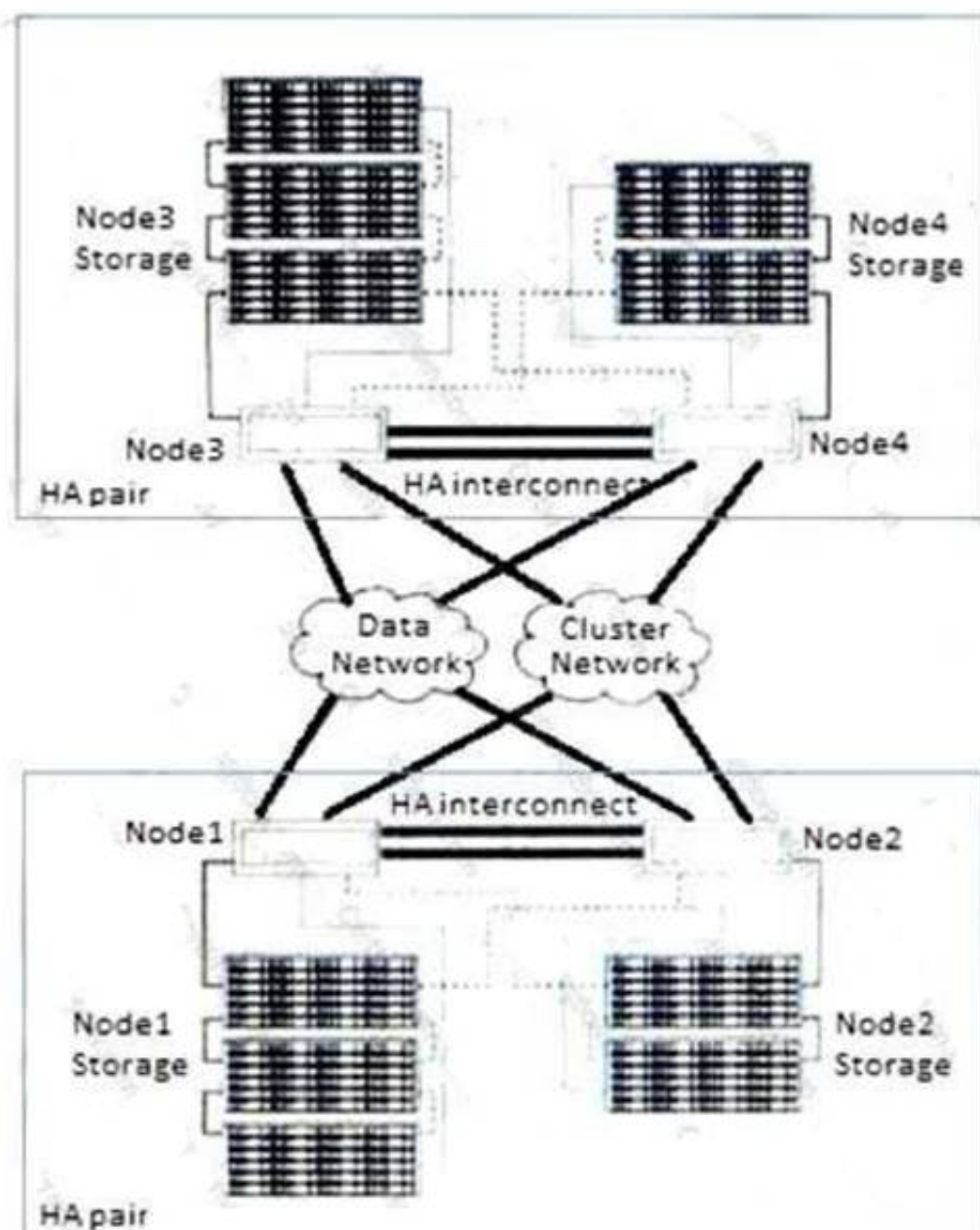
You are provisioning a LUN for a new host. In this scenario, which three objects must exist? (Choose three.)

- A. volume
- B. export policy
- C. LUN
- D. igroup
- E. interface group

Answer: ABC

NEW QUESTION 89

Click the Exhibit button.



Key to storage connections

- Primary connection
- Redundant primary connection
- - - Standby connection
- - - Redundant standby connection

Referring to the exhibit, what is a valid storage failover scenario?

- A. Node 1 fails and Node 2 takes over Node 1's storage.
- B. Node 2 fails and Node 3 takes over Node 2's storage.
- C. Node 3 fails and Node 1 takes over Node 3's storage.
- D. Node 4 fails and Node 2 takes over Node 4's storage.

Answer: A

NEW QUESTION 92

Click the Exhibit button.

```

alphanal::> volume snapshot autodelete show -volume pdata
Vserver;   Volume      Option Name      Option Value
-----
lab-fs1    pdata
           Enabled      false
           Commitment  try
           Trigger    volume
           Target Free Space 20%
           Delete Order oldest_first
           Defer Delete user_created
           Defer Delete Prefix (not specified)
           Destroy List none
    
```

A volume is only 25% full; however, the snapshot reserve is almost full. Referring to the exhibit, what occurs after the volume's snapshot reserve is full?

- A. The creation of new Snapshot copies fails.
- B. User-created Snapshot copies are deleted, beginning with the oldest, until the snapshot reserve has 20% free space.
- C. Snapshot copies start consuming the volume's free space.
- D. Scheduled Snapshot copies are deleted, beginning with the oldest, until the snapshot reserve has 20% free space.

Answer: A

NEW QUESTION 97

Your company requires storage administrators to use a second authentication method when accessing OnCommand System Manager and OnCommand Unified Manager. After entering their user name and password, administrators must enter a Personal Identity Verification (PIV) code from a smart card or a mobile device. With which resource would you accomplish this objective?

- A. an Active Directory server
- B. a third-party key manager
- C. a third-party identity provider
- D. the ONTAP onboard key manager

Answer: A

Explanation: <https://www.netapp.com/us/media/tr-4647.pdf>

NEW QUESTION 100

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