

NS0-162^{Q&As}

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QUESTION 1

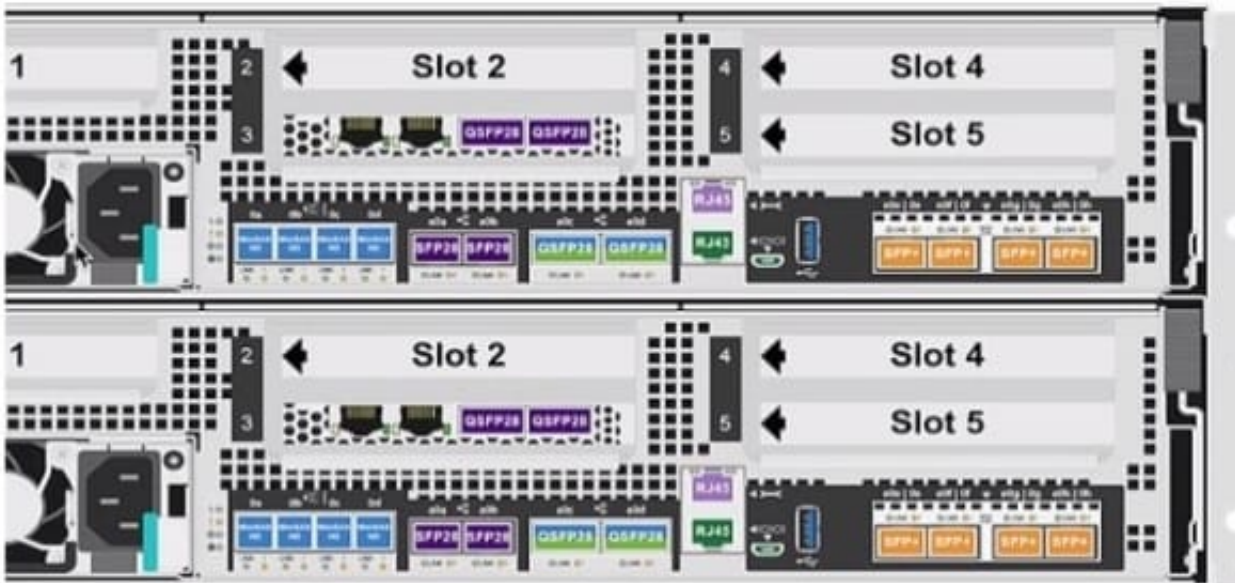
After creating several volumes, you notice that the hosting aggregates immediately show a decrease in available space. Which volume setting would prevent this outcome?

- A. space SLO set to "thick"
- B. space guarantee set to "none"
- C. space SLO set to "semi-thick"
- D. space guarantee set to "volume"

Correct Answer: B

QUESTION 2

Exhibit.



You are adding a NetApp AFF A400 system to an existing 4-node cluster and want to know which ports you would use to expand your cluster. Referring to the exhibit, which tool would you use to accomplish this task?

- A. Active IQ Unified Manager
- B. NetApp Interoperability Matrix (IMT)
- C. Active IQ Conflg Advisor
- D. NetApp Hardware Universe (HWU)

Correct Answer: D

QUESTION 3

Which configuration Is supported using NetApp's All SAN Array (ASA)?

- A. 24-node cluster
- B. single node cluster
- C. 2-node cluster
- D. 12-node cluster

Correct Answer: C

Reference: <https://docs.netapp.com/allsan/index.jsp?topic=%2Fcom.netapp.doc.dot-asa-config%2FGUID-C0C9B6EF-1AA7-429E-BB84-AC5F9E16D088.html>

QUESTION 4

Exhibit.

Op	Size	Total	Failed	Latency(ms)			Throughput
				min	max	avg	
PUT	4MB	50000	0	273	10500	719	277.3MB
GET	4KB	5000000	0	4	9591	38	48.46MB
GET	8KB	5000000	9	5	10021	37	123.3MB
GET	32KB	5000000	0	7	7889	60	475.3MB
GET	256KB	2125276	0	21	7838	450	530.7MB

You have a NetApp AFF A400 HA pair with Fabric Pool enabled on all data using the snapshot-only policy. Users are reporting slow restores when they recover files with the Windows Previous Versions tab. Referring to the exhibit, what is the highest latency seen on restore?

- A. 10500
- B. 10021
- C. 9591
- D. 7889

Correct Answer: B

Explanation: the user retrieve files, which is a GET operation. You can use the S3 GET Object request to retrieve an object from an S3 bucket. <https://docs.netapp.com/sgws-113/index.jsp?topic=%2Fcom.netapp.doc.sg-s3%2FGUID8B7BB6D4-FA59-4E82-BEAC-45DA8C642029.html>

QUESTION 5

A volume is set to use Adaptive QoS with the default policy.

In this scenario, which change would affect the QoS throughput ceiling?

- A. Data is added to the volume.
- B. Disks are added to the volume's aggregate.
- C. More clients access the volume.
- D. The volume is resized.

Correct Answer: D

Reference: <https://www.flackbox.com/netapp-storage-qos-tutorial>
https://kb.netapp.com/Advice_and_Troubleshooting/Data_Storage_Software/ONTAP_OS/What_is_Adaptive_QoS_and_how_does_it_work

QUESTION 6

You are asked by your network engineering team to make sure that your NetApp cluster is configured to run LACP on its network ports. Which network component satisfies this request?

- A. VLAN
- B. Interface group
- C. broadcast domain
- D. failover group

Correct Answer: B

Reference: https://library.netapp.com/ecm/ecm_download_file/ECMP1401193 (19)

QUESTION 7

You need to configure data-at-rest encryption for your NetApp ONTAP 9.8 cluster. Your company does not have Key Management Interoperability Protocol (KMIP) services available but must require a passphrase to be entered when a node is rebooted.

In this scenario, which two actions should be performed to satisfy these requirements? (Choose two.)

- A. Configure an external key management server.
- B. Enable onboard key management.
- C. Enable cluster-wide FIPS-compliant mode.
- D. Enable common criteria mode.

Correct Answer: BD

Explanation: Enabling onboard key management by default you are not required to enter a passphrase when the node is rebooted. To be asked the password, you need to enable the common criteria mode also. Reference: <https://docs.netapp.com/ontap-9/topic/com.netapp.doc.pow-nve/Encryption%20of%20data%20at%20rest.pdf>

QUESTION 8

You ate the administrator of an ONTAP 9.8 cluster. You have configured an hourly snapshot schedule for all NAS volumes. One of your users accidentally deleted an Important spreadsheet file on an SMB share. The file needs to be restored as quickly as possible by the Windows user.

Which statement is correct in this scenario?

- A. On the cluster CLI, execute the volume clone create command with the -parent- snapshot option set to the latest Snapshot copy and share the cloned volume as an SMB share, then copy the file back.
- B. On the cluster CLI, execute the volume snapshot restore-file command with the options to select the Snapshot, path, and restore-path
- C. In ONTAP System Manager, navigate to the volume where the share resides, click on snapshot copies and restore the latest Snapshot copy.
- D. In Windows Explorer, right-click on the SMB share where the file was deleted, go to previous versions select the file and copy it to the original location.

Correct Answer: D

Reference: <https://docs.microsoft.com/en-us/azure/azure-netapp-files/azure-netapp-files-manage-snapshots>

QUESTION 9

You want to enable the Internal ONTAP engine that quickly Identifies the file and directory differences between two Snapshot copies. In this scenario, which feature would accomplish this task?

- A. SnapVault
- B. SnapCenter
- C. SnapDiff
- D. SnapLock

Correct Answer: C

Reference: <https://library.netapp.com/ecmdocs/ECMP1196874/html/GUID-C2793E0D-0AB5-40FD-9F36-324F3178FF6F.html>

QUESTION 10

You have finished deploying a NetApp AFF A400 cluster.

Before you place the array into production, which two tools should be used to validate the deployment? (Choose two.)

- A. OnCommand Workflow Automation
- B. Active IQ Unified Manager
- C. Active IQ Config Advisor
- D. Active IQ Web site

Correct Answer: CD

QUESTION 11

Exhibit.

```
cluster1::> cluster peer show -instance
```

```
Peer Cluster Name: cluster2
Remote Intercluster Addresses: cluster2-d2, 10.98.234.246
Availability of the Remote Cluster: Partial
Remote Cluster Name: cluster2
Active IP Addresses: 10.98.234.246, 10.98.234.243
Cluster Serial Number: 1-80-123456
Remote Cluster Nodes: cluster2-01, cluster2-02
Remote Cluster Health: false
Unreachable Local Nodes: -
Address Family of Relationship: ipv4
Authentication Status Administrative: use-authentication
Authentication Status Operational: ok
Last Update Time: 02/05 21:05:41
IPspace for the Relationship: Default
```

The availability of the remote cluster in the peering relationship shows "Partial." Referring to the exhibit, what is the reason for this status message?

- A. The remote cluster does not have its cluster license applied properly.
- B. The local cluster is unable to authenticate successfully to the remote cluster.
- C. Some nodes in the local cluster are not able to contact some or all nodes in the remote cluster.
- D. The Intercluster LIFs on the local cluster are unavailable and not able to communicate to the remote cluster.

Correct Answer: C

Some nodes in the local cluster are not able to contact some or all nodes in the remote cluster.

Partial - The peer cluster availability status will be Partial only if some nodes in the local cluster are not able to contact some or all nodes in the peer cluster. <https://docs.netapp.com/ontap-9/topic/com.netapp.doc.dot-cm-cmpr-991/>

[cluster__peer__show.html?cp=5_1_10_18_5](https://www.certbus.com/ns0-162.html?cp=5_1_10_18_5)

QUESTION 12

SnapMirror Business Continuity (SM-BC) relies on a component to trigger an automatic unplanned failover (AUFO). In this scenario, what is this component?

- A. ONTAP Deploy
- B. Tiebreaker software
- C. ONTAP Mediator
- D. Cloud Manager

Correct Answer: C

Reference:

https://docs.netapp.com/usen/ontap/smbc/smbc_admin_what_happens_during_an_automatic_unplanned_failover.htm |

QUESTION 13

You have a 50 TO FlexGroup volume that is serving NFSv3 on a FAS8300 HA pair that is running ONTAP 9.8 software of files. A Linux du command runs for days to count files. In this scenario, which native ONTAP feature will report real-time file counts?

- A. Quality of Service
- B. Logical Space Reporting
- C. volume autosize
- D. File System Analytics

Correct Answer: D

QUESTION 14

Exhibit.

```

CLUSTER-01::> lun show -instance
Vserver Name: svm500
  LUN Path: /vol/LUN0/LUN0
  Volume Name: LUN0
  Qtree Name: ""
  LUN Name: LUN0
  LUN Size: 100GB
  OS Type: vmware
  Space Reservation: enabled
  Serial Number: 800Nc$QfenwV
  Serial Number (Hex): 3830304e63245166656e7756
  Comment: VMware Host
Space Reservations Honored: true
  Space Allocation: disabled
  State: online
  LUN UUID: daf3b456-cf79-4535-878b-4e43872836cc
  Mapped: mapped
Physical Size of Logical Block: 512B
  Device Legacy ID: -
  Device Binary ID: -
  Device Text ID: -
  Read Only: false
Fenced Due to Restore: false
  Used Size: 0
  Maximum Resize Size: 1023GB
  Creation Time: 2/9/2021 17:59:56
  Class: regular
  Node Hosting the LUN: CLUSTER-01
  QoS Policy Group: -
  QoS Adaptive Policy Group: -
  Caching Policy Name: -
  Clone: false
  Clone Autodelete Enabled: false
  Inconsistent Import: false
  Application: -
CLUSTER-01::> igroup show
Vserver  Igroup      Protocol OS Type  Initiators
-----
svm500   ESX         iscsi   vmware  -

```

You create a storage virtual machine (SVM) called SVM500 that is provisioned for iSCSI. After creating a LUN in the SVM and mapping it to an igroup, the attached VMware hosts are unable to mount the LUN. Referring to the exhibit, what is the issue?

- A. The igroup contains the wrong protocol.
- B. The igroup contains multiple Initiators.
- C. The initiator is a member of igroups of different OS types.
- D. The igroup does not contain the appropriate initiators.

Correct Answer: B

QUESTION 15

Exhibit.

The screenshot displays three network configuration panels:

- IPspaces:** Shows two entries: 'Cluster' with 'Broadcast Domains: Cluster' and 'Default' with 'Storage VMs: acmefs01, AcmeVM01, svm1_cluster1, svm2_cluster1'.
- Broadcast Domains:** Shows two entries: 'Cluster' with '9000 MTU' and 'IPspace: Cluster' (listing cluster1-01 ports e0a, e0b and cluster1-02 ports e0a, e0b); and 'Default' with '1500 MTU' and 'IPspace: Default' (listing cluster1-01 ports e0c, e0d, e0e, e0f, e0g and cluster1-02 ports e0c, e0d, e0e, e0f, e0g).
- Network Interfaces:** A table with columns: Name, Status, Storage VM, IPspace, Address, Current Node, Current Port. The visible row is:

Name	Status	Storage VM	IPspace	Address	Current Node	Current Port
lif_acmefs01_868	✔	acmefs01	Default	192.168.0.200	cluster1-01	e0c

You have an ONTAP 9.8 cluster. After network maintenance, the LIF that is shown in the exhibit is not always on a correct port and is unreachable by users until the LIFs are moved to port e0c or e0d on either storage node. In this scenario, which action should you take to ensure that the LIF only fails over to the correct ports?

- A. Create a DNS load balancing zone.
- B. Split the broadcast domain.
- C. Create an IPspace.
- D. Change the LIF's failover policy to sfo-partner-only

Correct Answer: B