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Vendor:NetApp

Exam Code:NS0-193

Exam Name:NetApp Certified Support Engineer

Version:Demo

QUESTION 1

Click the Exhibit button.

```
::> qos statistics volume latency show -volume csdata -vserver nas1
```

Workload	ID	Latency	Network	Cluster	Data	Disk	QoS	NVRAM
csdata- wid1234	1234	12.68ms	74.00us	0ms	835.00us	10.77ms	0ms	0ms
csdata- wid1234	1234	12.12ms	73.00us	0ms	643.00us	10.07ms	0ms	0ms
csdata- wid1234	1234	12.42ms	73.00us	0ms	643.00us	10.32ms	0ms	0ms

Your database administrator is complaining of slow read and write performance.

Referring to the exhibit, which action would be taken to improve performance for both reads and writes?

- A. Replace the node's NVRAM.
- B. Move the workload to an SSD aggregate.
- C. Apply a QoS minimum policy to the csdata-wid1234 workload.
- D. Balance the network load among the cluster nodes.

Correct Answer: B

QUESTION 2

Click the Exhibit button.

```
cluster1::> volume show -fields junction-path,policy,security-style -vserver NFS
vserver volume      policy      junction-path security-style
-----
NFS      data01          access      /data01      unix
NFS      svm_root        default     /             unix
```

```
cluster1::> network route show -vserver NFS
There are no entries matching your query.
```

```
cluster1::> vserver export-policy rule show -vserver NFS
Vserver Policy      Rule      Access      Client      RO
----- Name          Index     Protocol    Match       Rule
-----
NFS      access         1         nfs         10.10.10.0/24 sys
```

```
cluster1::> network interface show -vserver NFS
Vserver Logical      Status      Network      Current      Curremnt      Is
----- Interface   Admin/Oper  Address/Mask Node          Port          Home
-----
NFS      nfs_data01    up/up      10.10.10.10/24 cluster1-01  e0d          true
```

```
cluster1::> vserver nfs show -vserver NFS
Vserver: NFS
General NFS Access: true
NFS v3: enabled
NFS v4.0: enabled
```

You created an SVM and want to mount volume "data01" from a Windows client with the 10.10.10.50 IP address over NFSv3. However, when you are trying to mount, you are receiving a "permission denied" error.

Referring to the exhibit, what caused the error?

- A. The security style must use NTFS when using Windows NFS.
- B. The export policy is missing the client IP.
- C. The root volume has the wrong export policy.
- D. The NFS service is not started.

Correct Answer: A

QUESTION 3

You deploy an AFF storage system that is running ONTAP 9.5.

In this scenario, which three features are enabled by default? (Choose three.)

- A. inline adaptive compression

- B. inline secondary compression
- C. postprocess compression
- D. aggregate-level deduplication
- E. inline data compaction

Correct Answer: ABE

QUESTION 4

What are two valid storage layouts when using the SnapCenter Plug-in for Microsoft SQL Server? (Choose two.)

- A. storing multiple LUNs in a volume
- B. storing a single database per LUN
- C. storing multiple databases per LUN
- D. storing database files on a LUN that contains the log directory

Correct Answer: AB

Reference: [https://docs.netapp.com/ocsc-43/index.jsp?topic=%2Fcom.netapp.doc.ocsc-dpg-mssql% 2FGUID-F15BFFC5-5DB5-4D56-AD52-ADD65331EED9.html](https://docs.netapp.com/ocsc-43/index.jsp?topic=%2Fcom.netapp.doc.ocsc-dpg-mssql%202FGUID-F15BFFC5-5DB5-4D56-AD52-ADD65331EED9.html)

QUESTION 5

An administrator creates a CIFS volume on a FAS8200 system. The administrator maps the file share and receives a permission denied message when attempting to set an ACL.

In this scenario, which actions would help to solve the issue?

- A. Set the efficiency policy on the volume.
- B. Set the security style UNIX on the volume.
- C. Set the security style NTFS on the volume.
- D. Install SecureShare extension to set ACLs.

Correct Answer: C

Reference: [https://kb.netapp.com/app/answers/answer_view/a_id/1001083/~/top-10-nfs-issues-and-solutions- \(mapping issues\)](https://kb.netapp.com/app/answers/answer_view/a_id/1001083/~/top-10-nfs-issues-and-solutions- (mapping issues))

QUESTION 6

You want to monitor and generate reports on a customer's IT infrastructure, including virtual and cloud-based components, even though the customer has not purchased or installed any ONTAP software.

In this scenario, which NetApp tool would be used to accomplish this task?

- A. OnCommand Insight
- B. OnCommand Workflow Automation
- C. OnCommand Unified Manager
- D. OnCommand System Manager

Correct Answer: A

QUESTION 7

During deployment of an AFF A700 system, the administrator wants to make efficient use of disk space. Which partitioning type would achieve this goal?

- A. root-data-data
- B. GUID Partition Table (GPT)
- C. whole disk
- D. primary

Correct Answer: A

QUESTION 8

Which statement is true about how ONTAP uses system memory?

- A. System memory is used as a read and write cache.
- B. System memory is used to protect local uncommitted writes against power failures.
- C. System memory is used as a read cache only.
- D. System memory is used to protect an HA partner's uncommitted writes against power failures.

Correct Answer: A

Reference: https://kb.netapp.com/app/answers/answer_view/a_id/1003751/~/~how-does-data-ontap-utilizesystem-memory-for-read-and-write-caching%3F

QUESTION 9

How does SnapCenter communicate to ONTAP?

- A. through the admin SVM
- B. directly through a dedicated node

C. through the Service Processor

D. through a data SVM

Correct Answer: D

QUESTION 10

Click the Exhibit button.

```
cluster1::> vserver audit show
Vserver      State  Event Types          Log Format Target Directory
-----
CIFS         true   file-ops,
            cifs-logon-logoff,
            cap-staging,
            file-share,
            user-account,
            security-group,
            authorization-
            policy-change,
            audit-policy-
            change

cluster1::> volume show -vserver CIFS -fields junction-path,percent-used
vserver volume junction-path percent-used
-----
CIFS    logs    /logs    100%
CIFS    svm_root
CIFS    /        6%
CIFS    data    /data    10%

cluster1::> vserver cifs share show -vserver CIFS
Vserver      Share      Path          Properties Comment  ACL
-----
CIFS         admin$     /             browsable -      -
CIFS         data      /data        oplocks -      Everyone / Full Control
            browsable
            changenotify
            show-previous-versions

cluster1::> system license show
Serial Number: 1-81-00000000000
Owner: cluster1-01
Package      Type      Description    Expiration
-----
NFS          license  NFS License    -
CIFS        license  CIFS License    -
iSCSI       license  iSCSI License    -
FCP         license  FCP License     -
```

You have configured CIFS auditing. After a week, all users are complaining that they cannot access the CIFS shares anymore.

Referring to the exhibit, what is the reason for this problem?

A. The audit log volume is full.

- B. CIFS auditing only works with SMB 3.
- C. The CIFS license is missing.
- D. The affected users are not showing in the share ACLs.

Correct Answer: C

QUESTION 11

You have a 4-node cluster configured for FC. You create a new LUN on node 1, map the LUN to a host, and verify that the host is able to correctly access the LUN. However, after moving the LUN's volume to node 3, ALUA reports that all the paths are non-optimized. You have already verified that all zoning and physical cabling is correct.

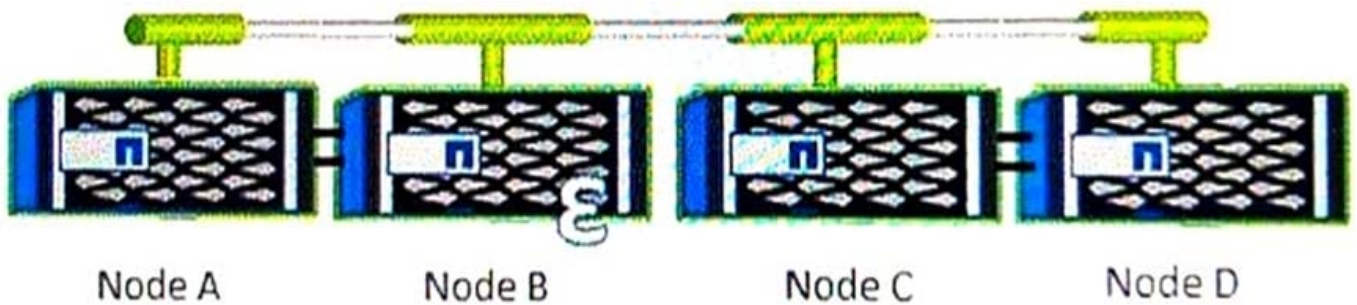
What should you do to enable ALUA to see the optimized paths?

- A. Update the reporting nodes for the LUN mapping.
- B. Update the igroup initiator WWPN.
- C. Update the MPIO policy to most recently used.
- D. Update the MPIO policy to round-robin.

Correct Answer: A

QUESTION 12

Click the Exhibit button.



Referring to the exhibit, if Node loses power, what are two nodes where epsilon would move? (Choose two.)

- A. Node D
- B. Node
- C. Node A
- D. Node C

Correct Answer: CD

