

# AuthorizeDumps

**Vendor:** NetApp

**Exam Code:** NS0-192

**Exam Name:** NetApp Certified Support Engineer

**Version:** DEMO

## Product Questions Version: 7.0

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### Question: 1

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A customer recently performed an ONTAP upgrade and would like to confirm the successful completion of the process.

Which three actions would satisfy this requirement? (Choose three.)

- A. Execute the version command at the cluster shell.
- B. Verify the version from the new AutoSupport that was automatically triggered after an upgrade.
- C. A system Message notification will be shown reboot after a successful upgrade.
- D. Execute the system upgrade-revert show command at the cluster shell.
- E. Execute the system upgrade-revert show-task-status command at the cluster shell.

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**Answer: A, C, D**

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### Question: 2

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You are adding additional node to a single-node cluster.  
Which two actions be performed after this upgrade? (Choose two.)

- A. Verify that HA is enabled.
- B. Verify that epsilon is not assigned.
- C. Verify that epsilon is assigned
- D. Verify that HA is disabled

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**Answer: A, C**

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### Question: 3

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Using QoS statistics for a group of volume on one node, you notice that most of the comes from the data layer.

In this scenario, which statement is correct?

- A. There is too much indirect traffic from other nodes.
- B. QoS processing is increasing CPU usage.
- C. The CPU on the node is overhead.
- D. High disk use is increasing CPU usage.

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**Answer: B**

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### Question: 4

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A manager wants a volume to have a guaranteed 300 MB/s of read performance. You explain that you cannot do this on FAS storage running ONTAP 9.3 backed by 10,000 RPM disks.

What is the reason for this response?

- A. Throughput floor apply to only iSCSI access.
- B. Throughput floors can only guarantee up to 125 MB/s.
- C. Throughput floors required a license
- D. Throughput floors required AFF.

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**Answer: D**

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### Question: 5

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Exhibit.

Workload	ID	Latency	Network	Cluster	Data	Disk	QoS	Volume
ns_ql_backup	1234	4.59ms	62.00us	0ms	4.53ms	0ms	0ms	0ms
ns_ql_backup	1234	120.22ms	55.00us	0ms	153.00us	0ms	119.99ms	0ms
ns_ql_backup	1234	99.45ms	88.00us	0ms	186.00us	0ms	99.23ms	0ms
ns_ql_backup	1234	106.78ms	54.00us	0ms	183.00us	0ms	106.51ms	0ms

A backup administrator notices throughput during backup jobs. While the job is running, you review the QoS output for the target volume.

Referring to the exhibit, which statement is correct?

- A. The volume is encountering the QoS limit.
- B. The networking is slow.
- C. The data layer of the controller is slow.
- D. The traffic is going over an indirect path in the cluster.

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**Answer: A**

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**Question: 6**

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Exhibit.

Workload	ID	Latency	Network	Cluster	Data	Disk	QoS	NVRAM
cadata-wid1234	1234	12.60ms	79.00us	Qos	835.00us	10.77ms	Qos	Qos
cadata-wid1234	1234	12.12ms	73.00us	Qos	643.00us	10.07ms	Qos	Qos
cadata-wid1234	1234	12.42ms	73.00us	Qos	643.00us	10.13ms	Qos	Qos

Based on the QoS output from the storage controller, your database administrator is complaining of slow read and write performance.

Referring to the exhibit, what be two appropriate actions to improve performance for both reads and writes (Choose two.)

- A. Move the workload to an SSD aggregate.
- B. Apply a QoS maximum policy to the cadata-wid1234 workload.
- C. Add a Flash pool to the existing aggregate.
- D. Upgrade the controller's NVRAM

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**Answer: A, B**

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**Question: 7**

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You are migrating volumes from an older aggregate to a new aggregate using the vo1 move command. You notice that, after completion, access to these volumes is slower until a certain process finishes.

Which process is causing the problem in this scenario?

- A. Deswizzling
- B. Active bitmap rearrangement
- C. Snap create
- D. Container block reclamation

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**Answer: A**

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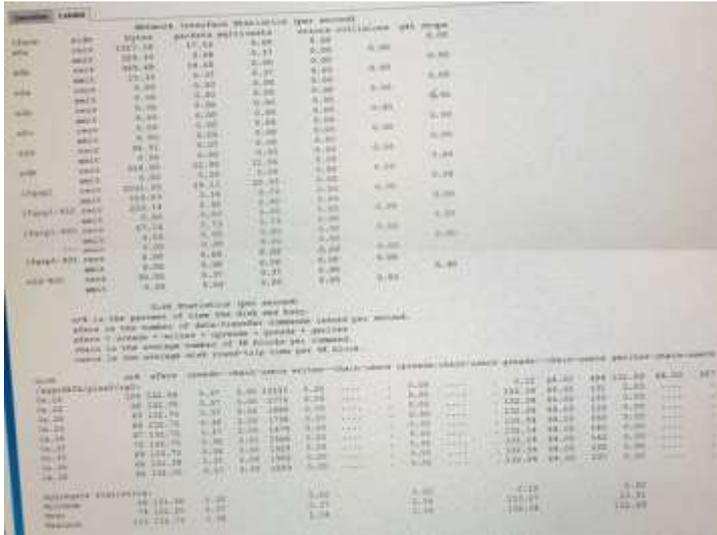


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**Question: 8**

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Exhibit.



Your customer disks are showing 100% utilization, but the customer sees minimal user I/O. You collect statistics using the statics command over a 10-second time period as shown in the exhibit. In this scenario, what is the problem?

- A. The end users are doing a lot of reads on the SATA disk are using vStorage APIs.
- B. Disk 0a-16is being used to reconstructive data from a failed disk in the aggregate.
- C. Disk 0a.16 is faulty and should be replaced.
- D. The network has too many multicast packets.

**Answer: B**

**Question: 9**

A customer has a Windows PC connected to an SMB share for a newly created volume on ONTAP storage. The share properties indicate that it has 475 GB free, the volume is configured as a 500 GB column. Which technology is responsible for this situation?

- A. Deswizzling
- B. Deduplication
- C. Snapshot reserve
- D. compression

**Answer: C**