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Exam : **NS0-593**

Title : NetApp Certified Support
Engineer ONTAP Specialist

Version : DEMO

1. After expanding a two-node AFF A300 cluster with two AFF A700 nodes, you observe latencies when data is accessed indirectly. The system node run `-node -command netstat` command shows retransmits and packet drops on the LIFs. The AFF A700 nodes with 40 Gbps and the AFF A300 connect with 10 Gbps to the cluster interconnect. You are using Cisco Nexus 3132Q cluster interconnect switches. You just updated to ONTAP 9.8 software.

In this scenario, what is causing this problem?

- A. The 10 Gbps to 10 Gbps cluster Interconnect is creating a speed mismatch.
- B. AFF A300 and AFF A700 node mixing is not supported in ONTAP 9.8 software.
- C. The AFF A300 is using an adapter card for the cluster Interconnect, but only onboard ports are supported.
- D. There is an NXOS firmware mismatch, verify in the Interoperability Matrix (1MTJ for a supported version).

Answer: A

2. You created a new NetApp ONTAP FlexGroup volume spanning six nodes and 12 aggregates with a total size of 4 TB. You added millions of files to the FlexGroup volume with a flat directory structure totaling 2 TB, and you receive an out of space error message on your host.

What would cause this error?

- A. The maximum number of volume constituents has been reached in the ONTAP software.
- B. All constituent volumes are full.
- C. The inode limit is exceeded in the ONTAP software.
- D. The maxdirsize is exceeded in the ONTAP software.

Answer: C

3. A customer's storage administrator informs you about the deactivated Automatic Switchover (AUSO) feature on their MetroCluster IP environment.

What information would you tell your customer in this scenario?

- A. The AUSO feature cannot be activated due to a non-mirrored aggregate.
- B. The AUSO feature is not available in MetroCluster IP installations by design.
- C. A faulty link automatically deactivated the AUSO feature.
- D. This is a configuration failure, you can activate that feature for the customer.

Answer: A

4. A system panic due to an "L2 watchdog timeout hard reset" error occurred. You have found a FIFO message in the SP log.

Which FIFO message is useful for investigating this issue?

- A. before NMI BBSP:C=00 L=00 FIFO: F3 F2 F1 F0 5 B2 0 0 0 80 20 E F E3 C0 C2 3 4 6 7 9 9 A
- B. BIOS exit BBSP:C=2F L=20 FIFO: 2 C8 C9 C4 24 4 6 18 7 8 11
- C. before Reset BBSP:C=00 L=00 FIFO:
- D. ONTAP Shutdown BBSP:C=00 L=2F FIFO:

Answer: A

5. You have a customer complaining of long build times from their NetApp ONTAP-based datastores. They provided you packet traces from the controller and client. Analysis of these traces shows an

average service response time of 1 ms. QoS output confirms the same. The client traces are reporting an average of 15 ms in the same time period.

In this situation, what would be your next step?

- A. The cluster is responding slowly and requires further investigation using performance archives.
- B. The client that reports high latency should be investigated.
- C. The cluster interconnects should be investigated.
- D. A sync core should be triggered.

Answer: B