

## NS0-180<sup>Q&As</sup>

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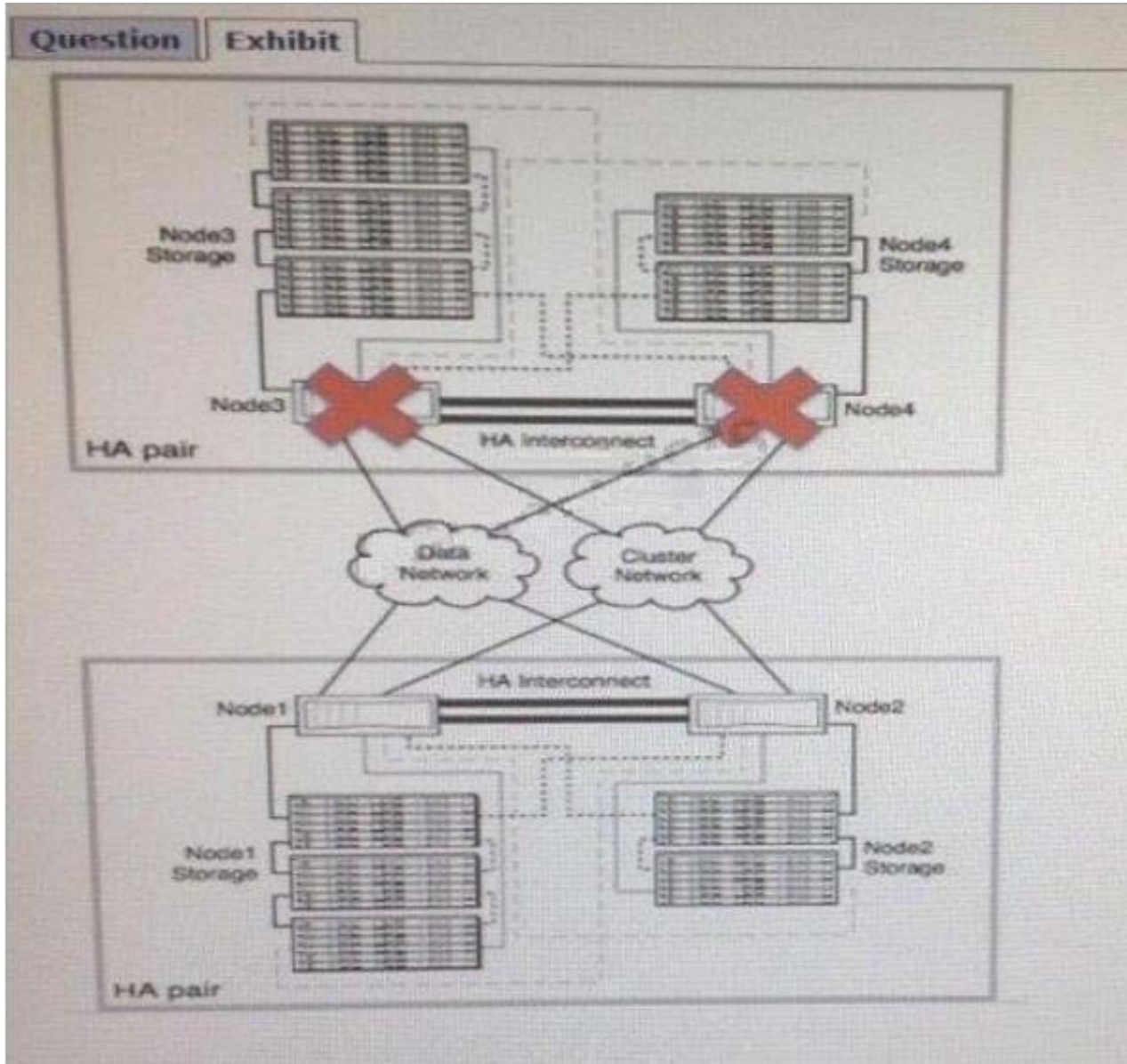
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**QUESTION 1**

Click the Exhibit button.



A customer has a 4-node cluster and wants to know what will happen to their data if one of the two HA pairs goes down. Epsilon is configured and working properly and is owned by Node1. Nodes 3 and 4 have failed as shown in the exhibit.

What happens to the customer's data that is owned by the HA pair 3 and 4?

- A. Nodes 1 and 2 will takeover the storage for nodes 3 and 4 and continue running normally.
- B. The cluster will go into maintenance mode and only allow administrators access to data on nodes 1 and 2.
- C. The entire cluster will panic and no data will be accessible.

D. The customer will lose access to the data on nodes 3 and 4 but will still have access to storage in nodes 1 and 2.

Correct Answer: A

Explanation: An HA pair is two storage systems (nodes) whose controllers are connected to each other directly. In this configuration, one node can take over its partner's storage to provide continued data service if the partner goes down.

Reference: Clustered Data ONTAP 8.3, High-Availability Configuration Guide, page 7

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## QUESTION 2

A customer wants to graphically manage a new clustered Data ONTAP system.

Which tool should the customer use?

- A. System Setup
- B. OnCommand System Manager
- C. HostAgent
- D. StorageGrid

Correct Answer: B

Explanation: System Manager is a graphical management interface that enables you to manage storage systems and storage objects (such as disks, volumes, and aggregates) and perform common management tasks related to storage systems from a web browser. As a cluster administrator, you can use System Manager to administer the entire cluster and its resources.

Reference: <https://library.netapp.com/ecmdocs/ECMP1354558/html/GUID-3B6E7BDA-9F1B-4F8C-8FC28B28A2C3FCD7.html>

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## QUESTION 3

Your customer has four disk shelves attached to an HA pair of nodes running clustered Data ONTAP 8.3. One disk shelf has six SSDs and 18 HDDs installed. They want to know how to partition the SSDs to use them in a flash pool aggregate.

In this situation, what should you tell the customer?

- A. Flash pool aggregates must have whole SSDs assigned, not partitions.
- B. When the disks are assigned to a storage pool, they are automatically partitioned into four equal parts that can be assigned to an existing aggregate where the partition will be used as flash storage by the assigned aggregate.
- C. All SSDs in a mixed disk system are partitioned to a 25% and a 75% partition. The larger partition can be used for data.
- D. When the disks are assigned to a storage pool, you can partition each disk into as many partitions as needed. A partition can be assigned to an existing aggregate where the partition will be used as a flash storage by the assigned

aggregate.

Correct Answer: B

Explanation: Advanced drive partitioning for Flash Pool segments each drive into four pieces.

Reference: Clustered Data ONTAP 8.3: A Proven Foundation for Hybrid Cloud <http://community.netapp.com/t5/Tech-OnTap-Articles/Clustered-Data-ONTAP-8-3-A-Proven-Foundation-forHybrid-Cloud/ta-p/92703>

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## QUESTION 4

What is s LIF?

- A. a logical internet file
- B. a logical inventory file
- C. a logical interaction file
- D. a logical interface

Correct Answer: D

Explanation: A LIF (logical interface) is an IP address or WWPN with associated characteristics, such as a role, a home port, a home node, a list of ports to fail over to, and a firewall policy. You can configure LIFs on ports over which the cluster sends and receives communications over the network.

Reference: Clustered Data ONTAP 8.3, Network Management Guide, page 54

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## QUESTION 5

Regarding clustered Data ONTAP 8.3, what happens to the roles of the on board ports, HBAs, and NICs?

- A. These roles are assignet when LIFs are created.
- B. These roles are assigned based on the controller type.
- C. These roles are predefined and must be changed before creating your LIFs.
- D. The roles are divided into two categories: Data Management and Node Management.

Correct Answer: A

Explanation: In earlier releases of Data ONTAP, default roles were assigned to each Ethernet network port. The roles included data, cluster, cluster management, intercluster, and node management. In Data ONTAP 8.3, these roles are assigned when LIFs are created.

Reference: Clustered Data ONTAP 8.3, Network Management Guide, page 7

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