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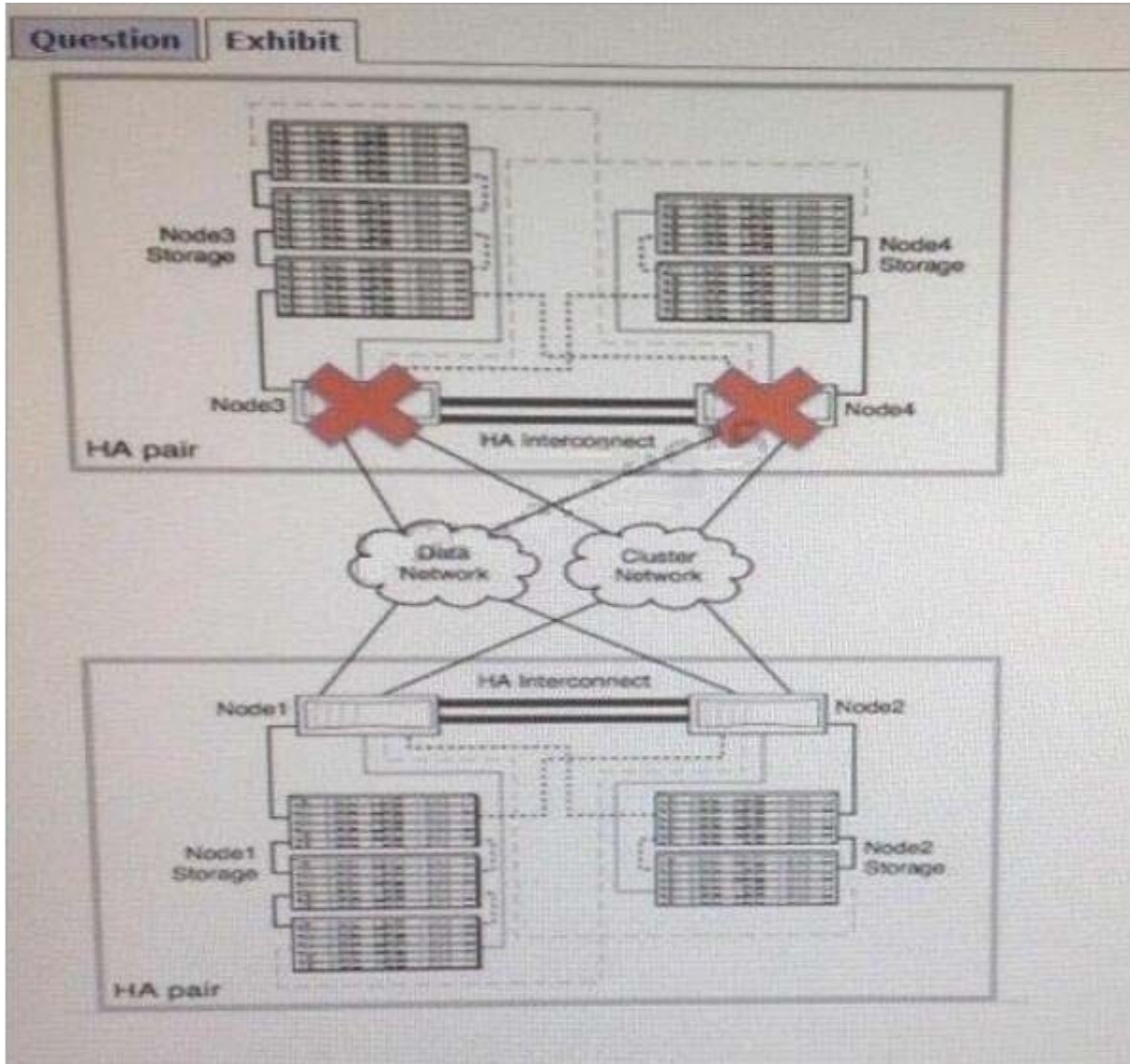
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**QUESTION 1**

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

QUESTION 2

A customer is installing a new system. The administrator needs to have the maximum available amount of data space.

Which disk configuration should the administrator use?

- A. RAID-DP
- B. RAID4
- C. Flash Pool
- D. ADP

Correct Answer: D

Explanation: Advanced drive partitioning to increase usable capacity for entry systems, all-flash FAS, and Flash Pool.

Incorrect:

Not A: RAID-DP is useful for maximizing data protection, but it does not provide the maximum available data space. Not B: RAID4 is useful for optimizing writes, but it does not provide the maximum available data space.

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

QUESTION 3

You are installing a 4-node cluster with two CN1610 switches. Your co-worker is setting up the switches, but accidentally deletes the current configuration.

According to NetApp, what is the recommended way to restore the configuration?

- A. Install only one switch.
- B. Manually configure the ports as they are designated in the CN1601 and CN1610 Switch Setup and Configuration Guide.



- C. Reload the same reference file to the switch.
- D. Copy the configuration from a switch that is working.

Correct Answer: D

Explanation: You re-create the cluster using the cluster configuration that you chose and made available to the recovering node, and then rejoin each additional node to the new cluster.

You should only perform this task to recover from a disaster that resulted in the loss of the cluster's configuration.

Steps

1.

On the recovering node, use the system configuration recovery cluster recreate command at the advanced privilege level to re-create the cluster.

2.

Use the cluster identity show command to verify that the recovering node has a different UUID than the other nodes.

3.

For each node that needs to be joined to the re-created cluster, do the following: 3a. From a healthy node on the re-created cluster, use the system configuration recovery cluster rejoin command at the advanced privilege level to rejoin the target node to the cluster. Example This example rejoins the target node (node2) to the re-created cluster.

```
cluster1::*> system configuration recovery cluster rejoin -node node2
```

Warning: This command will rejoin node "node2" into the local cluster, potentially overwriting critical cluster configuration files. This command should only be used to recover from a disaster. Do not perform any other recovery operations while this operation is in progress.

This command will cause node "node2" to reboot.

Do you want to continue? {y|n}: y

The target node reboots and then joins the cluster.

3b. Use the cluster show command with the -eligibility parameter to verify that the target node is healthy and has formed quorum with the rest of the nodes in the cluster. The target node must rejoin the re-created cluster before you can rejoin another node.

Reference: Restoring a cluster configuration from an existing configuration

<https://library.netapp.com/ecmdocs/ECMP1196798/html/GUID-9C4E7746-7FCA-4966-B6F1>

D353B07F1494.html

QUESTION 4



A remote administrator is connecting to a cluster from a different remote network.

According to NetApp best practices, which type of LIF routing is required to accomplish this task?

- A. cluster LIF
- B. data LIF
- C. cluster management LIF
- D. intercluster LIF

Correct Answer: B

Explanation: Data ONTAP services may initiate network connections from a node in the cluster. For example: AutoSupport, SNMP, time synchronization, and syslog. When a Node Management interface is configured and available, it is preferred for these connections. When Data ONTAP contacts name services like Active Directory, NIS, DNS, or LDAP, it prefers to initiate these connections from Data or SVM Management interfaces belonging to the Storage Virtual Machine (SVM). Note: A LIF role determines the kind of traffic that is supported over the LIF, along with the failover rules that apply and the firewall restrictions that are in place. The five LIF roles are:

*

Cluster-management LIF

*

Node-management LIF

*

Cluster LIF

*

Data LIF

*

Intercluster LIF

Reference: What LIF roles does clustered Data ONTAP use to establish connections to remote servers?

https://kb.netapp.com/support/index?page=content&id=3012724&locale=en_US

QUESTION 5

You want to install a new clustered Data ONTAP 8.3 system. The customer wants to use open ports on interconnect switches from a different system with clustered Data ONTAP 8.2 because they are running out of space in their rack.

What should be considered in this scenario?

- A. Only one cluster per switch pair is qualified and supported.
- B. You can use all free network ports for the cluster interconnect.



C. You can only use dedicated ports for the clustered interconnect.

D. A maximum of two clusters per switch pair are qualified and supported, but you should use trunked ports.

Correct Answer: C

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