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**QUESTION 1**

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:

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Cluster-management LIF

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Node-management LIF

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Cluster LIF

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Data LIF

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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 2

You are asked to install a cluster that consists of two FAS8060 controllers and four DS2246 shelves. The customer wants two stacks of shelves (10-11 and 20-21).

According to NetApp, how many SAS cables are required to complete this installation with MPHA?



- A. 10 SAS cables
- B. 12 SAS cables
- C. 8 SAS cables
- D. 6 SAS cables

Correct Answer: C

QUESTION 3

What is NetApp's best practice regarding Ethernet flow control?

- A. Leave flow control enabled.
- B. Disable flow control on the switch ports.
- C. Disable flow control on the host, switch, and all node ports.
- D. Disable flow control on all 10Gbps ports.

Correct Answer: D

Explanation: The NetApp Best Practice specifies that Flow Control settings for 10G cluster ports are to be set with Flow Control = None.

Reference: How to modify the Flow Control setting on clustered Data ONTAP cluster ports

https://kb.netapp.com/support/index?page=content&id=1015245&actp=LIST_RECENT

QUESTION 4

According to NetApp, which two scenarios are recommended for a RAID-DP aggregate in clustered Data ONTAP 8.3? (Choose two.)

- A. three or more disks if it is a data aggregate
- B. three or more disks if it is a root aggregate
- C. two or more disks if it is a root aggregate
- D. five or more disks if it is a data aggregate

Correct Answer: BD

Explanation: The minimum number of disks in a RAID-DP group is three: at least one data disk, one regular parity disk, and one double-parity (dParity) disk. However, for non-root aggregates with only one RAID group, you must have at least 5 disks (three data disks and two parity disks).

Reference: Clustered Data ONTAP 8.3, Physical Storage Management Guide, page 108

https://library.netapp.com/ecm/ecm_download_file/ECMP1636022



QUESTION 5

You are assigned to install five DS2246 with twenty-four 400 GB SSDs per shelf to a single node system. According the NetApp, which statement is correct?

- A. You cannot install five SSD shelves to one System.
- B. You need at least two stacks.
- C. You need at least three stacks.
- D. You can put all shelves in one stack.

Correct Answer: D

Explanation: Up to 10 shelves are supported per stack for the DS2246, so we one stack is enough as we only have five shelves (DS2246s). Reference: Making the Move from FC to SAS Storage <http://www.netapp.com/as/communities/tech-ontap/tot-fc-sas-1101-as.aspx>

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