# NS0-180 Q&As

NetApp Certified Storage Installation Engineer

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**QUESTION 1**

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

**QUESTION 2**

Your customer received an HA pair of FAS8040 nodes with two half-populated disk shelves which they want to add to their cluster. When you arrive to add the nodes to their cluster, the customer informs you that they have 24 NSE drives that they want to use to fully populate two of the disk shelves.

What should you do in this scenario?

A. Change the boot variable bootarg.strorageencryption.support to false.

B. Move all the NSE disks into one shelf and all the hard disks into the other shelf before you install the new HA pair.

C. Inform your customer that they cannot mix NSE drives and regular hard disks in a storage system.

D. Comply with your customers request, and add the NSE drives before you add the nodes and disk shelves to their cluster.

Correct Answer: C

Explanation: All disks in the storage system and optional attached disk shelves must have encryption functionality to be able to use Storage Encryption. You cannot mix regular non-encrypting disks with self-encrypting disks.

Note: NetApp Storage Encryption (NSE) is NetApp\\'s implementation of full-disk encryption (FDE) using

self-encrypting drives from leading vendors.

Reference: Clustered Data ONTAP 8.3, Physical Storage Management Guide

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

**QUESTION 3**

A customer is using a Cisco Nexus 5020 as a cluster network switch.

What would be used as a management network switch in this scenario?

A. Cisco Nexus 5020 1GbE ports

B. Cisco Nexus 5020 Expansion Module

C. Cisco Catalyst 2960

D. Cisco Catalyst 5000

Correct Answer: C

Explanation: The Cisco Catalyst 2960 switch can be installed as management switch in a NetApp system cabinet.

Reference: Clustered Switch Setup Guide for Cisco Switches, page 5

https://library.netapp.com/ecm/ecm_get_file/ECMP1115327

**QUESTION 4**

Upon completion of an installation, you have begun failover/giveback testing. You notice that when node-02 has been taken over by node-01, node-02 will not respond to ping requests.

Which statement describes what is happening?

A. The controller is down and has been taken over by the partner, this is normal behavior during a failover.

B. The controller that is up, node-01, does not have partner statements in the /etc/rc file.

C. The controller that is down, node-02, does not have partner statements in the /etc/rc file.

D. There are no ports in the LIFs\\' broadcast domain that are linked.

Correct Answer: C

Explanation: We need to add a partner statement to the /etc/rc file on node-2.

**QUESTION 5**

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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