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QUESTION 1

After proper cabling the NetApp CN1610 cluster switches, you notice that joining the second node to a cluster fails because the node is not able to communicate with the other node.

What would be the reason for this malfunction?

- A. CN1610 is unsupported in newer clustered Data ONTAP versions.
- B. The NTP server is not set.
- C. The FASTPATH version is not supported.
- D. The cluster switches must be Cisco switches for two or more nodes in a cluster.

Correct Answer: C

Explanation: Before you set up NetApp CN1610 cluster switches verify that you have the appropriate FASTPATH firmware and reference configuration file (RCF) versions for your version of Data ONTAP.

Incorrect:

Not A, Not C: NetApp CN1610 will work fine. If you have an existing two-node switchless cluster environment, you can migrate to a two-node switched-cluster environment using CN1610 cluster network switches.

Reference: Clustered Data ONTAP Switch Setup and Configuration Guide, page 15

<http://www-01.ibm.com/support/docview.wss?uid=ssg1S7004655andaid=1>

QUESTION 2

You are setting up a LIF for the node management network.

What will be the default failover policy in this scenario?

- A. broadcast-domain-wide
- B. system-defined
- C. local-only
- D. sfo-partner-only

Correct Answer: C

Explanation: The local-only failover policy is the default setting for cluster LIFs and node management LIFs.



Reference: Types of failover policies

<https://library.netapp.com/ecmdocs/ECMP1636021/html/GUID-92CC5F58-5EB8-4E2D-88F0FA2F740062E0.html>

QUESTION 3

A customer wants you to add a disk shelf that contains SSDs so they can implement Flash Pool.

Which three tools would you use to complete this task? (Choose three.)

- A. Use the My AutoSupport tool to ensure that Flash pool is licensed.
- B. Use Hardware Universe to ensure that you would not exceed the maximum drive count.
- C. Use Hardware Universe to ensure that you would not exceed the maximum cache for the system.
- D. Use the My AutoSupport tool to see if there is a Flash Cache card installed.
- E. Use Config Builder to verify the shelves can be added.

Correct Answer: ABE

Explanation: The Hardware Universe (HWU) application is NetApp's system configuration solution, replacing the System Configuration Guides.

QUESTION 4

You are planning to update your running switch environment. You need to determine if certain conditions exist before the FASTPATH software and reference configuration file (RCF) on a NetApp CN16xx cluster switch can be installed.

Which condition must exist in this scenario?

- A. You must set the port configuration to default for all ports before running the portcfgdefault port- number command.
- B. The cluster must be a fully functioning cluster (no error log messages or other issues).
- C. All ISL ports must be moved to a different switch.
- D. You can only update your switch environment within offline windows.

Correct Answer: B

Explanation: The following conditions must exist before installing the FASTPATH software and reference configuration file (RCF) on a NetApp CN16xx cluster switch:

*

The cluster must be a fully functioning cluster.

*

There must be no defective cluster NICs and all connected ports on both cluster switches must be



functional.

*All cluster ports must be up.

*

All cluster logical interfaces (LIFs) must be up and must not have been migrated.

*

The Data ONTAP (privilege: advanced) cluster ping-cluster -node node1 command must indicate that larger than PMTU communication is successful on all paths.

*

You must consult the switch compatibility table on the NetApp CN1601 and CN1610 Switches page for the supported FASTPATH, RCF, and Data ONTAP versions. T

Reference: Installing FASTPATH software and RCF files on NetApp Cluster switches, page 1

https://library.netapp.com/ecm/ecm_download_file/ECMP11694144

QUESTION 5

Which two statements are true regarding SSDs? (Choose two.)

- A. SSDs are only available in 400 GB sizes.
- B. SSDs must be in different RAID groups than HDDs.
- C. SSDs are available for multi-disk carrier shelves.
- D. The Maintenance Center is not available for SSDs.

Correct Answer: BD

Incorrect:

Not A: There are, for example, 100 GB, 200 GB, and 800 GB SSD sizes. Not C: Disks in multi-disk carriers always have the Data ONTAP disk type of MSATA.

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