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QUESTION 1

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 2

Which NetApp tool will simplify your initial system installation?

A. OnCommand Unified Manager

B. OnCommand System Manager

C. Config Advisor

D. System Setup tool

Correct Answer: B

Explanation: The System Setup tool enables you to quickly and easily set up your netapp FAS series storage systems using NetApp best practices and optimizing performance for Clustered. You can use this software to configure your network, storage, and protocols with either a single storage controller or multiple controllers.

Incorrect: Not A: OnCommand Unified Manager is used for to monitor the health of your clustered Data ONTAP environment. Not B: The System Setup tool is for the initial configuration, while OnCommand System Manager is for later configuration. The OnCommand System Manager provides fast, simple configuration and management for NetApp FAS storage systems. Not C: Config Advisor is run on already installed systems. It performs configuration validation for new NetApp system installation and improve automation for service delivery for assessments and audits.

Reference: http://mysupport.netapp.com/NOW/public/system_setup/

QUESTION 3

While performing storage failover tests, you notice that a data LIF serving CIFS traffic is not reachable after takeover.

Which three statements are correct in this scenario? (Choose three.)

A. NAS LIFs do not fail over.

B. A front-end switch configuration was missing.

C. An incorrect firewall policy was assigned.

D. No failover policy was assigned.

E. Incorrect ports were in the broadcast domain.

Correct Answer: CDE

Explanation: D: The partner\'s LIFs migrate according to network interface failover rules. Existing SMB (CIFS) sessions are disconnected when takeover occurs.

E: LIFs can use any node in the cluster to perform management tasks, so it is created by default with the "broadcast-domain-wide" failover policy

Incorrect:

Not A: The network ports that are present in the failover group define the failover targets available for the LIF. A failover group can have cluster management, node management, intercluster, and NAS data LIFs assigned to it.

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

What happens to the NTP configuration in clustered Data ONTAP 8.3 when a node joins a cluster?

A. A node that joins a cluster has a separate NTP service.

B. A node that joins a cluster automatically adopts the NTP configuration of the cluster.

C. A node that joins a cluster must be manually configured in the NTP.

D. A node that joins a cluster must reboot before running the NTP service.

Correct Answer: B

Explanation: A node that joins a cluster automatically adopts the NTP configuration of the cluster.

Reference: How to configure and troubleshoot NTP on clustered Data ONTAP 8.2 and later using CLI
https://kb.netapp.com/support/index?page=contentandid=1014787

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