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QUESTION 1

You are installing two disk shelves on an existing clustered Data ONTAP system. One shelf is a DS2246 that matches the other shelves in a stack. The other shelf is also a DS2246 but it contains all solid state disks. Both disk shelves must be added to the same stack.

How would you install the disk shelves?

A. Install the solid state disks first, then the DS2246 shelf so that the solid state disks are as close to the top of the stack as possible.

B. Install the spinning disk shelf first and put the solid state disks at the end of the stack.

C. Advise the customer that solid state disks cannot exist on the same stack as spinning disks.

D. Move the disk drives around to create two shelves that are half solid state and half spinning drives.

Correct Answer: A

Explanation: As SSDs are faster they should be put close to the top of the stack.

Incorrect:

Not C: The DS4246 disk shelf only supports high-capacity disk configurations and "Mixed Shelf" SSD

configurations that combine SSDs with high-capacity disk drives. Not D: Place the SSD disk shelves in a

separate stack other then the disk shelves containing SAS disks. Because the potential high IOPS, thus

high SAS I/O bandwidth utilization, we don\\'t want to be limited by our backend SAS I/O. As NetApp states;

"Full SSD shelves (24 SSDs) are best placed in their own stack".

Reference: Clustered Data ONTAP 8.3, Physical Storage Management Guide, page 25

QUESTION 2

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 3

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.

QUESTION 4

You are preparing to install a new clustered Data ONTAP system.

Which tool prepares all the relevant customer and configuration information?

A. AutoSupport

B. Cluster Config Builder

C. OnCommand System Manager

D. Config Advisor

Correct Answer: C

Explanation: OnCommand System Manager provides fast, simple configuration and management for NetApp FAS storage systems.

Incorrect: Not A: AutoSupport is used in a system that is already installed. It provides simple, effective, proactive monitoring and management of your storage infrastructure. Not D: 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://www.netapp.com/se/products/management-software/system-manager.aspx

QUESTION 5

You are assigned to install two DS2246 shelves, three DS4243 shelves, and one DS4486 shelf. How many rack units (U space) should you account for in this rack layout?

A. 6U

B. 20U

C. 10U

D. 22U

Correct Answer: B

Explanation: DS2246 rack units: 2U (Here: 2*2 -> 4U) DS4243 rack units: 4U (Here: 3*4 -> 12U) DS4286 rack units: 4U (Here: 1*4 -> 4U)

Total: 20U (4+12+4)

Reference: NetApp Disk Shelves and Storage Media Technical Specifications

http://www.netapp.com/se/products/storage-systems/disk-shelves-and-storage-media/disk- shelves-techspecs.aspx

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