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QUESTION 1

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 2

You want to create a data volume on aggr0 and you receive a message with the following warning:

\\'\\'Warning: You are about to create a volume on a root aggregate. This may cause severe performance or stability problems and therefore is not recommended. Do you want to proceed?\\'\\'

What is the reason for this severe performance or stability problem?

A. Controller failover and storage failover are separate processes that must occur in parallel, otherwise problems will arise.

B. The performance load generated by the data volume can be very strong, so it should not be shared with vol0 on aggr0, requiring a separate aggregate for it.

C. The performance load generated by the vol0 cannot be shared with any other volume on aggr0, requiring a dedicated aggregate for it.

D. Controller failover and storage failover are separate processes that must occur at different times, otherwise problems will arise.

Correct Answer: B

Explanation: One possibly cause is Disk I/O contention on the data volume.

The root volume in Cluster-Mode is used to store and update various tables of the replicated database. Crucial information regarding the locations of LIFs, volumes, aggregates, and different jobs required to run in the cluster are stored in these tables. If a root aggregate has very busy data volumes, the disks in the aggregate will experience higher latency. When a node is unable to update its copy of the replicated database fast enough, it will consider itself unhealthy and stop serving all the data until it can catch up. This is extremely disruptive and affects all the volumes on the node,

even if the cause is related to the data volumes stored on the root aggregate only.

Reference: Why is a warning displayed when attempting to create one or more data volumes in the root aggregate in Data ONTAP Cluster-Mode?

https://kb.netapp.com/support/index?id=3013563andpage=contentandlocale=en_US

QUESTION 3

What is a protocol?

A. SnapRestore

B. CIFS

C. SnapMirror/SnapVault

D. FlexClone

Correct Answer: B

Explanation: The Common Internet File System (CIFS) is protocol which is the standard way that computer

users share files across corporate intranets and the Internet.

Incorrect:

Not D: FlexClone is a technology to make fast, space-efficient copies of flexible volumes (FlexVol volumes)

and LUNs.

Reference: Common Internet File System - TechNet

https://technet.microsoft.com/en-us/library/cc939973.aspx

QUESTION 4

You are performing an installation of a clustered Data ONTAP and you reach the AutoSupport configuration point. You configured AutoSupport with all of the customer\\'s information. But when you trigger AutoSupport, the customer says that they did not receive the message, and neither did NetApp.

Which two actions must be verified? (Choose two.)

A. You can ping the mailhost from the NetApp storage systems.

B. The customer has enabled port 25 from the storage controllers on their firewall.

C. The customer has enabled routing of email-based messages from the storage controllers on their email server.

D. You can ping the NetApp Support site from the storage systems.

Correct Answer: AB

Explanation: A: Check that the mail host specified in the options is a host that the storage system can talk

to, by running the following command on the storage system:

ping mailhost_name

mailhost_name is the name of the mail host specified in the AutoSupport options.

B: The customer firewall must let SMTP (port 25) messages go through their firewall.

Reference: How to troubleshoot AutoSupport delivery when using SMTP
https://kb.netapp.com/index?page=contentandid=1014216andactp=LIST_POPULAR

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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