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QUESTION 1

A customer has a fully scaled-out Dell PowerStore T cluster and wants to ensure that PowerStore Manager is in a highly available configuration. How many instances of PowerStore Manager should be installed, and why?

- A. Four A customer should install one instance per appliance in the cluster
- B. Zero PowerStore Manager runs highly available by default
- C. Eight A customer should install one instance per node in the cluster
- D. Two PowerStore Manager needs at least two instances for a highly available configuration

Correct Answer: D

A fully scaled-out Dell PowerStore T cluster requires at least two instances of PowerStore Manager to ensure high availability. This is because the PowerStore Manager provides a centralized management and monitoring interface for the cluster, and having multiple instances of it allows for redundancy in case one instance becomes unavailable.

QUESTION 2

A customer has a Dell Unity XT 380F system with a single pool that is built from 24x 800 GB and 24x 1.6 TB SAS RASH 3 drives and 14x 400 SAS Flash 2 drives. How many drive partnership groups were used to build the dynamic pool?

- A. 3
- B. 1
- C. 2
- D. 4

Correct Answer: B

In Dell Unity XT storage systems, a dynamic pool is built using drive partnership groups. A drive partnership group is a group of drives that are combined to create a pool. A drive partnership group can be made up of SAS, NL-SAS, or Flash drives. In this case, the customer has a single pool built from 24x 800 GB SAS RASH 3 drives and 24x 1.6 TB SAS RASH 3 drives, and 14x 400 SAS Flash 2 drives. All drives are SAS type, and it's only one partnership group.

QUESTION 3

You are designing a two-tiered Dell EMC SC Series solution that will be optimized for performance. You gather the necessary data from Live Optics and find that the read/write ratio is 80:20. What approach is recommended?

- A. Size Tier 1 for 100% of the adjusted IOPS
- B. Use distributed adjusted IOPS for all tiers
- C. Use distributed adjusted IOPS for Tiers 1 and 2 only
- D. Size Tier 2 for 100% of the adjusted IOPS



Correct Answer: A

"The engineer should design a system to handle all, or nearly all, IOPS in one particular tier"

QUESTION 4

Which optional I/O Module card type is supported for both Dell PowerStore T and Dell PowerStore X?

- A. 25GbE
- B. 8 Gb Fibre Channel
- C. 10GbEBaseT
- D. 32 Gb Fibre Channel

Correct Answer: C

Both Dell PowerStore T and Dell PowerStore X support the 10 GbE BaseT optional I/O module card type. This card provides 10 Gbps Ethernet connectivity and can be used to connect the storage array to a network. The other options are not supported by both models. 25 GbE and 32 Gb Fibre Channel are generally faster and used for high-performance systems, while 8 Gb Fibre Channel is an older standard, and not supported by Dell PowerStore T and Dell PowerStore X.

QUESTION 5

You plan to schedule a Live Optics sampling with your customer to size a Dell EMC SC Series array. However, the customer wants to postpone the run until the end of the quarter because there could be more activity on the current storage system.

What course of action is recommended?

- A. Wait until the end of the quarter and collect a week-long sampling
- B. Take a single-day sampling on any given day because that is sufficient in most instances
- C. Wait until the end of the quarter and collect a single-day sampling
- D. Take a week-long sampling on any given week because that is sufficient in most instances

Correct Answer: B

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