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QUESTION 1

Which parameters can be selected when sizing a Dell Unity XT 480F using the System Design method?

- A. Drive count and RAID level Percentage of random writes and reads
- B. Data reduction ratio Percentage of sequential writes and reads
- C. One of four workload types Drive count and RAID level
- D. One of two block sizes Application type

Correct Answer: C

When sizing a Dell Unity XT 480F using the System Design method, you can select one of four workload types and Drive count and RAID level. This workload type selection will take into account the specific IOPS and capacity requirements of the environment. The drive count and RAID level will determine the overall capacity and level of data protection required.

QUESTION 2

What is the minimum recommended amount of Flash capacity in a Dell EMC Unity 480 Hybrid pool?

- A. 5%
- B. 8%
- C. 10%
- D. 15%

Correct Answer: A

The minimum recommended Flash capacity is at least 5% of the pool capacity.

Reference:

<https://www.dell.com/support/kbdoc/en-pk/000010691/dell-emc-unity-difference-between-fast-cache-and-fast-vp-configurations-user-correctable>

QUESTION 3

A storage administrator is trying to create a new hybrid pool on their Dell Unity XT 680 They want to add

1.
18x3.84 TBSSD drives
2.
72x 1200 GB 10K SAS drives



3.

64x 12 TBNLSAS drives

However, this action is not being permitted by the Unity software. What is the reason for this\>

- A. 3.84 TB SSD are only supported in all flash pools
- B. There are too many disks in the SAS tier
- C. 12 TB NLSAS drives are only permitted in archive pools
- D. The pool must be created with only a single drive type

Correct Answer: A

The storage administrator is not able to create a new hybrid pool on their Dell Unity XT 680 because the 3.84 TB SSD drives are only supported in all flash pools. Dell Unity XT supports the use of SSDs in all-flash pools, where the entire pool is built from SSD drives, to provide high performance for I/O-intensive workloads.

QUESTION 4

What is the maximum number of data drives that can be put in to a Dell PowerStore 1000T base enclosure?

- A. 23
- B. 21
- C. 25
- D. 24

Correct Answer: B

The maximum number of data drives that can be put in to a Dell PowerStore 1000T base enclosure is 21. The Dell PowerStore 1000T has a 2U form factor, and it supports a maximum of 21 drives in the base enclosure. The drives can be either SAS or NVMe, and it's important to keep in mind that the maximum capacity of the system depends on the type of drives that are used. It's important to note that the PowerStore 1000T supports up to 2 expansion shelves that can hold an additional 21 drives each, for a maximum of 63 drives in total. Also, the PowerStore 1000T supports up to 4 NVRAM modules that are used to cache metadata and improve performance.

QUESTION 5

What is a key feature of the Dell EMC Future-Proof Storage Loyalty Program for Dell EMC SC Series arrays?

- A. 4:1 Performance Guarantee
- B. 4 Year Satisfaction Guarantee
- C. 4:1 Reduction Guarantee
- D. 4:1 Efficiency Guarantee



Correct Answer: D

Dell EMC Flash Storage Efficiency Guarantee Dell EMC promises our flash arrays will provide a logical usable capacity at least four times the usable physical capacity of your purchased drives--or we'll give you more drives at no charge.

<https://www.delltechnologies.com/en-us/blog/dell-emc-flash-storage-efficiency/>

Reference: <https://www.dell.com/pk/business/p/storage-sc-all-flash/pd>

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