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**QUESTION 1**

A customer has invested much time using the Dell PS Series Host Integration Toolkit (HIT) to integrate SAN snapshot protection with Microsoft SQL Server native snapshot technology. The customer expresses concern about whether Dell

EMC SC Series cross-platform replication supports that capability.

What should be your response?

- A. Recreate integration on the SC Series array and use only SC-to-SC replication for those volumes.
- B. Leverage the integration investment and use only PS-to-PS replication on those volumes.
- C. Cross-platform replication works with SC Series HIT integrations.
- D. Cross-platform replication works with PS Series HIT integrations.

Correct Answer: B

QUESTION 2

A technical architect is designing a Dell Unity storage solution. The customer has a monthly data access profile where block data is accessed infrequently. The data is accessed frequently for a few days during month-end reporting.

Based on best practices, which solution should the technical architect recommend?

- A. A single-tier solution using 10k drives
- B. An All-Flash solution using FAST VP and FAST Cache
- C. A hybrid solution using FAST VP and FAST Cache
- D. A hybrid solution using data progression

Correct Answer: C

Based on the customer's monthly data access profile, where block data is accessed infrequently but frequently during month-end reporting, the technical architect should recommend a hybrid solution using FAST VP and FAST Cache. FAST VP (Fully Automated Storage Tiering for Virtual Pools) is a feature that automatically tiers data across different types of storage media based on access patterns. With FAST VP, frequently accessed data will be automatically moved to faster storage media such as flash, while infrequently accessed data will be moved to slower, less expensive storage media such as disk. FAST Cache is a feature that increases the performance of Unity storage systems by caching frequently accessed data on flash storage. With this hybrid solution, the customer will have the best of both worlds: high-performance flash storage for frequently accessed data, and lower-cost disk storage for infrequently accessed data. This will help the customer to improve performance during month-end reporting and save costs for infrequently accessed data. It's important to note that this design should be evaluated based on the specific requirements, workloads and expected growth of the customer.

QUESTION 3



Which are benefits of choosing the highest capacity flash drives when designing a Dell Unity XT All-Flash system?

- A. Enhances data security and system boot time
- B. Lowers physical space power and cooling requirements
- C. Decreases wear-leveling, performance and redundancy requirements
- D. Reduces maintenance and rebuild time

Correct Answer: B

Choosing the highest capacity flash drives when designing a Dell Unity XT All-Flash system can provide several benefits, including lower physical space, power and cooling requirements. Additionally, higher capacity drives can also improve system boot time, reduce maintenance and rebuild time, and decrease wear-leveling, performance, and redundancy requirements.

QUESTION 4

A customer requests a proposal for a new Dell EMC SC Series storage system with the following specifications:

1.

IO type: Random

2.

Existing data: 100 TB

3.

Rate of change: 2 TB per day

4.

Growth rate: 100 GB per day

5.

Snapshot retention: 1 week

What storage capacity should be specified to scope the system with Tier 1 RAID 10 protection?

- A. 2.5 TB
- B. 4.5 TB
- C. 6.5 TB
- D. 8.5 TB

Correct Answer: C



QUESTION 5

You are designing a Dell EMC PowerStore solution with a customer. They ask if they can populate Slots 0 to 10 with NVMe SSD drives.

What should be your response?

- A. Any drive type can be populated in the remaining slots
- B. NVMe SSDs must be populated in the remaining empty slots
- C. NVMe SCM drives are required in Slots 0 through 10
- D. NVMe SCM drives must be populated in the remaining empty slots

Correct Answer: B

Reference: <https://www.dell.com/support/manuals/en-pk/powerstore/pwrstr-hwg/base-enclosure-component-overview?guid=guid-7914a554-6943-402e-bd38-3e893163657e&lang=en-us>

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