HP0-J66^{Q&As}

HP Storage Migration

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QUESTION 1

A large enterprise is experiencing exponential growth of data but shrinking backup windows. They need to design, plan, and integrate a comprehensive disaster recovery solution for all their data centers. Part of their disaster recovery solution must include data migration to a remote site.

How does the HP StoreOnce 6200 Backup System respond to this customer\\'s requirements?

A. by supporting more than 32 concurrent data streams to a single VTL or NAS share device

B. by supporting a single fabric with dual switches where the drives are presented to a single port for no single point of failure

C. by requiring a smaller volume of seeding data to be sent over a WAN link than previous StoreOnce D2D models

D. by providing built-in low-bandwidth replication for cost-effective copies of data offsite

Correct Answer: D

Challenges in Enterprise Data Protection Requirements for a modern Enterprise Data Protection solution have many drivers:

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 Exponential growth of data Shrinking backup windows

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 The need to design, plan and integrate a comprehensive Disaster Recovery capability

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 The need for backup devices to be more available than ever before

The HP B6200 StoreOnce Backup System responds to all these requirements by providing:

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 Deduplication to drive more efficient storage of data

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 Large device scalability to ensure every backup has access to devices and, so, reduce queuing time

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 (D) In-built low bandwidth replication for cost-effective copies of data offsite as part of a Disaster Recovery plan

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 HP Autonomic failover (with appropriate ISV software) to allow backups to continue, even if a node in an HP B6200 StoreOnce Backup System fails.

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High scalability in terms of capacity, performance and replication to ensure the system grows as your business grows.

Reference; HP B6200 Backup System, Recommended Configuration Guidelines

QUESTION 2

A customer with multiple HP 3PAR P10000 Storage Systems needs to move data between the arrays. They need to ensure that the migration will not disrupt their applications, users, or services. Which storage method should the customer use to achieve this goal?

A. point-in-time copies

B. backups to disk

C. storage federation

D. deduplication

Correct Answer: C

Storage federation from HP enables the online non-disruptive movement of storage volumes between arrays in a metro area. Unlike external storage virtualization appliances that add cost, complexity and downtime, storage federation from HP creates a persistent pool of capacity using native communication between system controllers.

QUESTION 3

A small-business customer plans to implement an HP 3PAR StoreServ 7200.

What must the customer consider regarding large, unexpected data growth?

A. Additional controller nodes cannot be added to the HP StoreServ 7200.

B. There are no HBA expansion slots in the HP StoreServ 7200.

C. Adaptive Optimization suffers a performance impact with large data.

D. The HP StoreServ 7200 configuration must have fewer than four drive chassis.

Correct Answer: A

QUESTION 4

A customer uses HP 3PAK System Reporter and Adaptive Optimization with an HP 3PAR StoreServ 10000 Storage System that runs HP 3PAR OS 3.1.1. The customer is planning to upgrade the storage system to HP 3PAR OS 3.1.2. The customer needs to use System Reporter and Adaptive Optimization on the storage system after the upgrade.

Which complications will the customer encounter after performing the upgrade? (Select two)

A. System Reporter backups must be reconfigured

B. System Reporter data does not migrate

C. Adaptive Optimization is disabled

D. System Reporter databases become corrupt

E. Adaptive Optimization must be reconfigured.

Correct Answer: BC

B: Recreation of the AO configuration on the nodes is a manual process. There is no automated means of transferring AO configurations from System Reporter onto the HP 3PAR OS 3.1.2 system.

C: AO behavior continues unchanged for HP 3PAR OS 3.1.1 and earlier. For HP 3PAR OS 3.1.2 systems, Adaptive Optimization behaves as follows:

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AO configurations for HP 3PAR OS systems are allowed insofar as they are not deleted following an upgrade from HP 3PAR OS 3.1.1. However, these AO configurations are not executed by regionmover and are marked as inactive.

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Following an upgrade from HP 3PAR OS 3.1.1, AO configurations remain and can be used by administrators as a reference to recreate the AO configurations on the nodes.

Reference; 3PAR System Reporter 3.1 Software Release Notes

QUESTION 5

A customer is preparing to migrate data between their data centers. They need to perform deduplicalion at the data creation point and eliminate the need for specialized deduplication hardware in their data centers. How does HP StoreOnce Catalyst enable the customer to achieve this goal?

A. by performing source-side deduplication

B. by performing switch-side deduplication

C. by performing server-side deduplication

D. by performing target-side deduplication

Correct Answer: A

By enabling source-side deduplication (Dedupe 2.0), HP has the advantage of performing deduplication at the data creation point. Source-side deduplication eliminates the need for specialist deduplication hardware at remote and branch office sites. StoreOnce Catalyst allows customers to align backup with data protection needs, such as minimizing bandwidth utilization when moving data between sites or data centers.

Reference: Dedupe 2.0: What HP Has In Store(Once)