

HP0-J66^{Q&As}

HP Storage Migration

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QUESTION 1

A customer is looking for a new storage system that provides storage management security for their Windows-based environment. They are considering an HP StoreVirtual 4000.

Which security function does this solution provide?

- A. Active Directory support
- B. Centralized Management Console (CMC) authentication
- C. proxy server exclusion
- D. quorum alarms

Correct Answer: A

Note:

* Now available LeftHand OS version 10 software (formerly SAN/iQ) "one click" online upgrades, support for Windows 2012, Active Directory integration, proxy server support and quorum alerts.

QUESTION 2

A customer is extending a SAN by using wavelength division multiplexing (WDM) to migrate their master database to a new data center. They need to ensure that there is adequate line speed to perform the migration in the event of a primary path failure.

What should the customer do to achieve this goal?

- A. Ensure that all SAN devices use the same Fibre Channel speed.
- B. Ensure that all SAN switches have the same core PID number.
- C. Ensure that there are separate WDM paths for transmitting and receiving packets
- D. Ensure that a secondary path with sufficient buffer-to-buffer credits is available

Correct Answer: D

WDM devices extend the distance between two FICON directors. The devices are transparent to the directors and do not count as an additional hop. To accommodate WDM devices, you must have enough Fibre Channel BB_credits to maintain line-speed performance. WDM supports Fibre Channel speeds of 10 Gb/s, 8 Gb/s, 4 Gb/s, 2 Gb/s, and 1 Gb/s. When planning for SAN extension, BB_credits are an important consideration in WDM network configurations. Typical WDM implementations for storage replication include a primary and secondary path. You must have enough BB_credits to cover the distances for both the primary path and secondary path so that performance is not affected if the primary path fails.

Reference: HP Mainframe Connectivity Design Guide

QUESTION 3

A customer is planning to migrate data from an HP EVA4400 to an HP 3PAR StoreServ 7000 Storage System. What should the customer use to migrate the data?

- A. Recovery Manager
- B. Online Import
- C. Peer Motion
- D. Remote Copy

Correct Answer: B

EVA to 3PAR Online Import manages the migration of data from a source EVA storage system to a destination 3PAR storage system. Using EVA to 3PAR Online Import, you can migrate EVA virtual disks and host configuration information to

a 3PAR destination storage system without changing host configurations or interrupting data access.

Incorrect:

Not C: Peer Motion can be used for HP 3PAR not for HP EVA:

HP 3PAR Peer Motion Software is the first non-disruptive, do-it-yourself data migration tool for enterprise block storage. With Peer Motion, HP 3PAR Storage System customers can load balance I/O workloads across systems at will, perform

technology refresh seamlessly, cost- optimize asset lifecycle management, and lower technology refresh capital expenditure.

Unlike traditional block migration approaches, Peer Motion enables customers to migrate storage volumes between any HP 3PAR Storage Systems online, non-disruptively, and without complex planning or dependency on extra tools. Peer

Motion leverages HP 3PAR Thin Built In™ technology to power the simple and rapid inline conversion of inefficient, "fat" volumes on source arrays to more efficient, higher-utilization "thin" volumes on the destination 3PAR Storage System.

Peer Motion Manager is an add-on application that orchestrates all stages of the data migration lifecycle to ensure data migration is simple and fool-proof.

QUESTION 4

A customer needs to migrate data from a legacy storage system to an HP StoreVirtual 4000. They also need to improve their patch management policies for storage management. How can the HP StoreVirtual 4000 enhance the patch management process for this customer? (Select two.)

- A. by logging applied patch information
- B. by displaying automatic patch alert notifications
- C. by slipstreaming all patches for easy deployment
- D. by displaying all pre-qualification failures
- E. by automatically downloading and applying patches

Correct Answer: BD

HP P4000 SAN Solutions - SAN/iQ software 9.5 Patch Set 02 include: Enhanced the Online Upgrades feature to:

*

(B) Display a notifications window in the CMC, which ensures you are notified of any updates to the system, such as patches, customer advisories, or updated release notes. The Notifications window displays automatically when the CMC is

first opened.

*

Identify the type of patch (urgent, recommended, informational) in the notifications window so you can quickly determine the importance of the patch.

*

Patch availability messages on the upgrades tab, menu bar, and package selection window indicate the type of patch (urgent, recommended, optional).

*

Improve download capability by fixing the limitation of concurrent FTP connections. Increasing the number of concurrent FTP connections ensures that you can obtain updates in a timely manner and avoid connectivity issues.

D: HP P4000/StoreVirtual Patch set 04 include:

Added a check to 9.0 CMC online upgrades for any existing hardware problems in a pre-9.0 storage system during the upgrade pre-qualification tests, and ensures that the hardware passes the required tests before proceeding with the

upgrade. If a hardware problem is detected, the upgrade fails with an appropriate error message and can be retried after resolving the problem.

QUESTION 5

A company needs to migrate from a third-party storage system to an environment that can grow by scaling out. The solution must also allow use of a server for downloading upgrades.

Which solution meets the company's requirements?

- A. HP 3PAR StoreServ 7000
- B. HP StoreOnce 6200
- C. HP StoreVirtual 4000
- D. HP 3PAR StoreServ 10000

Correct Answer: C