HP

HP0-J66

HP Storage Migration

A. Source-side deduplication allows more data to be transferred over low-bandwidth links in the network.
B. Source-side deduplication reduces the amount of data transferred between media servers and the D2D device.
C. Source-side deduplication isolates data so that it can be more easily streamed to tape for offsite storage.
D. Source-side deduplication allows more data to be stored on the D2D device.

Answer: B

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

QUESTION: 69
A customer plans to implement an HP StoreVirtual 4000 Storage System. Which NICs can the customer use to enable adaptive load balancing after installation? (Select two.)

A. three 10GbE
B. one 10GbE
C. one 1GbE
D. two 10GbE
E. two 1GbE
F. three 1GbE

Answer: D, E

Explanation:

Bonding method supported

Supported NIC bonded configurations

		ALB	ALB	LACP	LACP	A/P	A/P
		1 Gb	10 Gb	1 Gb	10 Gb	1 Gb	10 Gb
ALB	1 Gb	Y	N				
ALB	10 Gb	N	Y				
LACP	1 Gb			Y	N		
LACP	10 Gb			N	Y		
A/P	1 Gb					Y	Y
A/P	10 Gb					Y	Y

ALB = Adaptive load balancing
LACP = Link aggregation
A/P = Active/Passive
Y = Supported
N = Not supported
Gb = Gigabits

Note:
* Adaptive load balancing (ALB)
Uses interfaces simultaneously for data transfer (receive and transmit load balancing). If one connection fails, the remaining connection continues without disruption to the storage nodes operation or iSCSI sessions. It offers the benefits of the increased transmission rates without additional switch configuration. Interfaces in an ALB bond may be connected to different switches and therefore supports switch failover.

QUESTION: 70
A customer provides their requirements for a storage solution. A consultant, using his experience and product knowledge, has designed a solution. He needs to verify that the storage design and licensing rules have been adhered to, and that the solution can be supported by HP. Which resource can provide this information?

A. HP StorageWorks Sizing Tool
B. HP ActiveAnswers
C. HP Storage Solutions Design Guide
D. HP SAN Design Validator

Answer: A

It is recommended that the HP StorageWorks Sizing   Tool
(http://www.hp.com/go/storageworks/sizer) is used to identify the product and WAN link
requirements because the required bandwidth is complex.

QUESTION: 71
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.

Answer: A

QUESTION: 72
A customer is migrating data to a storage array with 7 TB of storage capacity. They need 6
TB to be presented on this array for an existing database requirement. Which storage
virtualization technology should this customer use to optimize the utilization of their
available storage?

A. block-level data compression
B. primary storage deduplication
C. virtual replication
D. thin provisioning

Answer: D

Explanation:
Thin provisioning promises higher capacity utilization rates and is a feature in most storage
systems. But buyer beware—not all thin technologies are created equal. HP Converged
Storage offers the most comprehensive and advanced set of thin technologies in the
industry. With HP, your data center can be lean and efficient.
With HP thin technologies, you can:
* Start thin, so you can get the most from every dollar and disk.
Easily utilize 80% or more of your purchased capacity with thin provisioning, which,
unlike competitive offerings, does not require pre-planning or space reservations.

* Cut storage capacity needs in half—guaranteed.1
Changes IT refresh cycles by providing simple data mobility across clusters or generations of storage systems without downtime.
* Expect high efficiency and high performance—not tradeoffs.
With HP 3PAR StoreServ Storage, thin technologies are embedded in hardware, so you can run all of your workloads in a thin state and still have high performance.
* Reclaim nearly 100% of unused space.
HP's thin reclamation technology continually hunts down wasted space in fine-grained, 16k increments and returns that capacity to the system for use by other applications.

QUESTION: 73
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

Answer: A

Explanation:
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: 74
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

Answer: B

Explanation:

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 in (Learning mode): 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.

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