HPE0-J74.exam

Number: HPE0-J74
Passing Score: 800
Time Limit: 120 min

HP

HPE0-J74

Foundations of HPE Storage Solutions

Exam A

QUESTION 1
When choosing a SAN fabric topology, which components can have the largest effect on data availability? (Select two.)

A. SFP speed
B. number of ISLs between the switches
C. switch firmware version
D. number of switches
E. power supply quantity

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
To ensure maximum data availability, EMC requires redundant physical and logical paths to prevent any single point of failure.

References: http://www.emc.com/collateral/hardware/technical-documentation/h8074-fibre-channel-san-tb.pdf

QUESTION 2
Which RAID level is no longer used in HPE storage?

A. 1
B. 3
C. 5
D. 6

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
References: http://www.hp.com/ctg/Manual/c03909334 (HPE Smart Storage Administrator User Guide)

QUESTION 3
Which HPE 3PAR StoreServ capacity-based license should you recommend to a customer who needs converged storage?

A. File Persona SW Suite
B. Data Optimization SW Suite

C. Replication SW Suite

D. Operating System SW Suite

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
HPE 3PAR File Persona Software Suite is a licensed feature of HPE 3PAR OS that enables a rich set of file protocols and core file data services on an HPE 3PAR StoreServ system. As a feature of HPE 3PAR OS, File Persona Software Suite inherits one of the industry-leading architecture and Block Persona benefits of HPE 3PAR StoreServ. It extends the spectrum of primary storage workloads natively addressed by HPE 3PAR StoreServ from virtualization, databases, and applications via the Block Persona to include client workloads such as home directory consolidation, group and department shares, and corporate shares via the File Persona—all with truly Converged Controllers, truly agile capacity, and truly unified management.

References: http://www8.hp.com/h20195/v2/GetPDF.aspx/4AA5-6078ENW.pdf (Technical overview of HPE 3PAR File Persona Software Suite)

QUESTION 4
A customer wants to use an HPE StoreEasy 3000 to host a SQL Server database. How can MS-SQL be configured to use an SMB share rather than local storage?

A. Configure the default database locations using UNC paths (\server\share) instead of a local drive (D:).

B. Combine throughput of all network adapters and cluster nodes together.

C. Set up a new HPE StoreEasy 3000 to create a Microsoft SQL Cluster.

D. Configure NPIV in the local network adapters to reach the SMB Share.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Confige SQL server to use an SMB share by configuring the default database locations using UNC paths (\\server\share) instead of a local drive (D:).

References: References: http://www8.hp.com/h20195/v2/GetDocument.aspx?docname=4AA4-7418ENW&cc=us&lc=en (HPE StoreEasy 1000 Performance Best Practice Guidelines for SQL over SMB 3, page 3)

QUESTION 5
Which tool should you use to prepare a configuration and quotation for an HPE 3PAR StoreServ, based on your customer's sizing details?

A. HPE Storage Sizing Tool

B. HPE NinjaStars

C. HPE SalesBuilder for Windows

D. HPE 3PAR StoreServ Configurator

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
Under the HPE Converged Storage strategy, which type of primary storage is provided through NAS solutions?

A. sequential
B. object
C. block
D. file

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Network-attached storage (NAS) is a file-level computer data storage server connected to a computer network providing data access to a heterogeneous group of clients, while a storage area network (SAN) is a network which provides access to consolidated, block level data storage.

References: https://en.wikipedia.org/wiki/Network-attached_storage

QUESTION 7
Which RAID level uses double parity Advanced Data Guarding?

A. 1
B. 5
C. 6
D. 10

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Double-parity RAID (redundant array of independent disks), also called diagonal-parity RAID, Advanced Data Guarding (RAID_ADG), or RAID-6, is a

method of protecting against multiple storage drive failures by creating two sets of parity data on an array of hard disks.

References: http://searchstorage.techtarget.com/definition/double-parity-RAID

QUESTION 8
What does the HPE StoreVirtual solution provide?

A. scale-out storage
B. SAN, NAS and object storage
C. file level storage
D. scale-up storage

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
HPE StoreVirtual is a scale-out Storage for Virtualised Environments. It gives you affordable storage for a virtualised infrastructure solution that's easy to manage, supports continuous data growth and includes advanced high-availability features that keep you up and running.

References: https://www.hpe.com/se/en/storage/storevirtual.html

QUESTION 9
Which HPE storage offering provides enterprise-level, Tier 1, primary storage?

A. HPE 3PAR StoreServ
B. HPE StoreOnce
C. HPE StoreVirtual
D. HPE StoreEver

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
3PAR StoreServ scale to support the world's most demanding cloud service providers as well as enterprise and midrange applications. 3PAR StoreServ provides Flash-optimized Tier-1 Storage for Any Service Level.

References: https://www.hpe.com/us/en/storage/tier-1.html

QUESTION 10

Which networking transport protocol is used in a NAS environment?

A. TCP
B. FCIP
C. Ethernet
D. Token Ring

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11
You are meeting with a small SMB customer to discuss the requirements of a new storage solution. The customer tells you that they require a new consolidated platform to provide file storage with built-in deduplication for no more than 20 Microsoft Windows users. The customer has limited budget and IT skills.

With which HPE product should you start the conversation?

A. HPE StoreOnce
B. HPE StoreVirtual
C. HPE StoreServ
D. HPE StoreEasy

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Note: Small & Midsize Business (SMB)

QUESTION 12
Your customer wants to implement an HPE 3PAR StoreServ Array for a 24x7 production environment. They want to enable dynamic load balancing for the Virtual Connect uplinks.

Which feature must be enabled on the Virtual Connect interfaces and the HPE B-series SAN switches to accomplish this?

A. NPIV
B. ISL

C. FCoE
D. FCIP

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
ISL Trunkinl combines multiple links between switches to form a single, logical ISL with a total bandwidth of 64 Gb/s. This feature enables dynamic load balancing of data across ISLs.

References: http://h10032.www1.hp.com/ctg/Manual/c00403562.pdf

QUESTION 13
A customer wants to replace existing EVA storage. You propose an HPE 3PAR StoreServ and want to ensure that your design meets the customer's current IOPS requirement.

Which resources or tools are required to size a solution based on the existing infrastructure? (Select two.)

A. HPE Storage Optimizer
B. HP Command View EVAPerf
C. HPE 3PAR StoreServ QuickSpecs
D. HPE NinjaSTARS
E. HPE Single Point of Connectivity Knowledge

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
B: EVAPerf is a command line utility used to monitor the performance of an EVA. It can be used in a console mode for real time monitoring or have the output piped to a CSV file for future review.

Note: IOPS (Input/Output Operations per Second)

Incorrect Answers:
A: HPE Storage Optimizer software cuts the cost of storing and managing vast volumes of unstructured data—without impacting end users or introducing new sources of risk and complexity. It does storage optimization by combining file analytics with policy-based storage tiering and information optimization.

References: https://3pardude.com/2015/02/24/evaperf/

QUESTION 14
Which operating systems support space reclamation? (Select two.)

A. Microsoft Windows Server 2012
B. Microsoft Windows 2003 SP2
C. VMware vSphere (ESXi) 5.x
D. Ubuntu 12.x
E. SLES 9.x

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
A: Windows Server 2012 introduced many capabilities to integrate with thin-provisioned devices seamlessly. Thin identification, real-time storage optimization, and Windows Storage Optimizer are all features that allow for the efficient use of thin-provisioned devices. These Windows Server 2012 features coupled with the elastic storage allocation provided by HPE Storage result in better space utilization and efficiency.

References: http://h20195.www2.hp.com/v2/getpdf.aspx/4AA5-4020ENW.pdf
https://mcloudinfo.wordpress.com/2015/02/11/how-to-reclaim-storage-on-hp-3par-systems/

QUESTION 15
What are hardware components of a Fibre Channel SAN fabric implementation? (Select two.)

A. server
B. enclosure
C. SFP+ transceivers
D. host bus adapter
E. array controller

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
Your customer has the following backup strategy:

Sunday to Thursday -> Daily Incremental

Friday -> Weekly Full
No backup is run on a Saturday
Backup window is 22:00 - 04:00

They suffer a catastrophic failure on Thursday at 05:30. Which backup sets are required to restore the failed system to the most recent state?

A. last full backup plus all incremental backups
B. last full backup plus the last incremental backup
C. last incremental backup only
D. last full backup only

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
An incremental backup is one that provides a backup of files that have changed or are new since the last incremental backup; it is one that backs up only the data that have changed since the last backup — be it a full or incremental backup.

References: https://en.wikipedia.org/wiki/Incremental_backup

QUESTION 17
Which device connects SAS initiators, expanders, and targets?

A. backplane
B. expander
C. initiator
D. target

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
The components known as Serial Attached SCSI Expanders (SAS Expanders) facilitate communication between large numbers of SAS devices. Expanders contain two or more external expander-ports. Each expander device contains at least one SAS Management Protocol target port for management and may contain SAS devices itself. For example, an expander may include a Serial SCSI Protocol target port for access to a peripheral device. An expander is not necessary to interface a SAS initiator and target but allows a single initiator to communicate with more SAS/SATA targets. A useful analogy: one can regard an expander as akin to a network switch in a network, which connects multiple systems using a single switch port.

References: https://en.wikipedia.org/wiki/Serial_Attached_SCSI#SAS_expanders

QUESTION 18
Which storage connectivity is commonly used between the Smart Array controller and physical disk drive?

A. FC-AL
B. FCoE
C. iSCSI
D. SAS

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
HP Smart Array controllers include a processor, cache, and device driver that all contribute to providing optimum RAID performance. In addition, HP Smart Array controllers are tuned specifically to the drives being used—SAS or SATA, to reduce error rates and data loss.

References: http://www8.hp.com/h20195/v2/getpdf.aspx/4AA5-4124ENW.pdf

QUESTION 19
Which HPE tool provides a mix of validated storage configurations, guidelines, and suggestions on a variety of HPE storage solutions?

A. HPE Product Bulletin
B. HPE SalesBuilder for Windows
C. HPE Single Point of Connectivity Knowledge
D. HPE Storage Sizing Tool

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
A customer has an HPE 3PAR StoreServ and requires online application-consistent snapshots. Which applications would benefit from VSS-enabled, HPE 3PAR Application Software Suites? (Select two.)

A. Oracle
B. MySQL

C. Hyper-V

D. Microsoft SQL

E. Postgres

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
C: The Application Suite for Recovery Manager includes Recovery Manager for Hyper-V and the VSS Provider software.
D: The Application Suite for Microsoft SQL creates snapshots instantaneously, irrespective of database size. It includes support for 3PAR VSS HWP 2.3.

References:
http://www8.hp.com/us/en/products/storage-software/product-detail.html?oid=5386539
http://www8.hp.com/us/en/products/storage-software/product-detail.html?oid=5335617

QUESTION 21
Which benefit does dual-domain offer over dual-path SAS?

A. Dual-path SAS implementations make it possible to tolerate host bus adapter (HBA) failure.

B. Dual-domain SAS implementations provide some lower cost solutions that cover cable failure.

C. Dual-path SAS implementations provide full redundancy of a SAS solution.

D. Dual-domain SAS implementations make it possible to tolerate host bus adapter (HBA) failure.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Dual-domain SAS implementations make it possible to tolerate host bus adapter (HBA) failure, external cable failure, expander failure, failure in a spanned disk (JBOD) environment, and failure in Redundant Array of Independent Disks (RAID) environments.

References: http://h20564.www2.hpe.com/hpsc/doc/public/display?docId=c01451157 (Redundancy in enterprise storage networks using dual-domain SAS configurations)

QUESTION 22
Which service is used in a NAS environment, but not a SAN environment?

A. block access services

B. direct access services

C. object access services

D. file access services

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Network-attached storage (NAS) is a file-level computer data storage server connected to a computer network providing data access to a heterogeneous group of clients, while a storage area network (SAN) is a network which provides access to consolidated, block level data storage.

References: https://en.wikipedia.org/wiki/Network-attached_storage

QUESTION 23
Which RAID level uses double distributed parity?

A. 1

B. 3

C. 5

D. 6

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Double-parity RAID (redundant array of independent disks), also called diagonal-parity RAID, Advanced Data Guarding (RAID_ADG), or RAID-6, is a method of protecting against multiple storage drive failures by creating two sets of parity data on an array of hard disks.

References: http://searchstorage.techtarget.com/definition/double-parity-RAID

QUESTION 24
What must you configure on a host system to connect to iSCSI storage?

A. iSCSI initiator

B. iSCSI expander

C. iSCSI array

D. iSCSI target

Correct Answer: A
Section: (none)

Explanation

Explanation/Reference:
Reference: https://www.emc.com/collateral/TechnicalDocument/docu69325.pdf

QUESTION 25
Before upgrading your customer's SAN fabric based on HPE B-series switches, you need the firmware and switch-and-port status information for the current switches. Which commands can be run to obtain this information? (Select two.)

A. showver
B. switchshow
C. version
D. fabricshow
E. showport

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:
B: switchShow displays switch and port status. It works on, for example, HP StoreFabric B-Series SAN Switches.
C: The version command displays the firmware code revision.

Incorrect Answers:
D: The fabricShow command displays fabric membership information. The following fields are displayed :
Switch ID, world wide name, Enet, IP Addr, FC IP

References: http://h20564.www2.hpe.com/hpsc/doc/public/display?docId=mmr_kc-0126810

QUESTION 26
What is the term for the maximum allowable period for a business to be without a specific application should a disaster occur?

A. Service Level Objective
B. Service Level Agreement
C. Recovery Point Objective
D. Recovery Time Objective

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
References: http://whatis.techtarget.com/definition/recovery-time-objective-RTO

QUESTION 27
A customer is experiencing rapid data growth and requires more backup data to be available online. Which technology could benefit the customer?

A. deduplication
B. wide striping
C. snapshots
D. tiering

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Data deduplication is a technique for reducing the amount of storage space an organization needs to save its data. In most organizations, the storage systems contain duplicate copies of many pieces of data.
Deduplication eliminates these extra copies by saving just one copy of the data and replacing the other copies with pointers that lead back to the original copy. Companies frequently use deduplication in backup and disaster recovery applications, but it can be used to free up space in primary storage as well.

References: http://www.webopedia.com/TERM/D/data_deduplication.html

QUESTION 28
Which information is exchanged in the FLOGI sequence between a FlexFabric module and a SAN switch?

A. WWN
B. port ID
C. FCID
D. MAC

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
The Fibre Channel Logon sequence (FLOGI) is used to obtain a routable FCID for use in FC frame exchange. The switch will provide the FCID during a FLOGI exchange.

References: http://www.definethecloud.net/fcoe-initialization-protocol-fip-deep-dive/

QUESTION 29
Which HPE management tool provides a single integrated management environment with powerful search capabilities and an open architecture?

A. HPE Insight Remote Support
B. HPE Systems Insight Manager
C. HPE OneView
D. HPE SUM

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
HP OneView delivers a unified management platform that supports HP ProLiant Rack servers, HP BladeSystem, HP 3PAR StoreServ Storage, and HP ConvergedSystem 700 platforms.

Included is HP Smart Search, which provides fast, sophisticated search to instantly find the exact information for which you look.

Incorrect Answers:
D: Smart Update Manager (SUM) is an innovative tool for firmware and driver maintenance on HPE ProLiant and Integrity Servers, BladeSystem enclosures, Moonshot systems, and options.

References: http://www8.hp.com/us/en/products/server-software/product-detail.html?oid=5410258

QUESTION 30
Which HPE Storage product uses deduplication technology designed by HPE Labs?

A. HPE MSA
B. HPE StoreOnce
C. HPE StoreEasy
D. HPE StoreEver

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
HP StoreOnce deduplication uses new techniques. Up until now, data movement between systems usually requires processing through different tools.
HP StoreOnce software will allow end-to-end deduplication capabilities across the converged infrastructure—from backup to primary scale-out.

References: http://community.hpe.com/t5/Data-Protector-Practitioners/HP-Labs-develop-new-technology-HP-StoreOnce-deduplication/td-p/2402500

QUESTION 31
Which HPE direct attach storage product offers an archiving platform for HPE ProLiant -Class servers?

A. HPE StoreAll
B. HPE Ultrium Tape Blades
C. HPE MSA
D. HPE StoreOnce Backup

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
The HP Ultrium Tape Blades are ideal for HP BladeSystem c-Class customers who need an integrated data protection solution. HP Ultrium Tape Blades offer a complete data protection, disaster recovery and archiving solution for BladeSystem c-Class customers.

References: http://www8.hp.com/emea_africa/en/products/tape-drives-enclosures/product-detail.html?oid=5294286

QUESTION 32
Which element of HPE's BURA storage portfolio provides deduplicated backup disk storage?

A. HPE 3PAR StoreServ
B. HPE StoreEver
C. HPE StoreOnce
D. HPE StoreAll

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
HP StoreOnce Backup is a federated deduplication architecture that spans purpose built appliances, software-defined VSAs, and backup software like HP Data Protector.

References: http://www8.hp.com/us/en/products/data-storage/deduplication.html

QUESTION 33
Which HPE primary production storage solution is targeted to the small and mid-sized business market?

A. HPE StoreVirtual
B. HPE StoreAll
C. HPE StoreOnce
D. HPE StoreEver

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Incorrect Answers:
B: HPE StoreAll storage is designed to meet the data challenges of large enterprise organisations and industry-specific Big Data archives, content depots, and cloud object solutions.
D: HPE StoreEver Tape addresses all your long-term retention needs with tape media, standalone tape drives and tape libraries that accommodate more than 180 PB2 in a single system.

References: https://www.hpe.com/se/en/storage/storevirtual.html

QUESTION 34
A customer has a number of server blades in a BladeSystem 7000 Enclosure and an HPE D2220sb Storage Blade, and wants to implement a small test and development iSCSI SAN.

What can provide this functionality?

A. Windows Storage Server
B. VMware ESXi
C. HPE StoreVirtual VSA
D. HPE StoreOnce VSA

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
With the HP P4000 Virtual Storage Appliance (VSA) Software, you can deploy the D2220sb as an iSCSI SAN for use by the servers in the enclosure and any server on the network.

References: http://h20195.www2.hp.com/v2/getpdf.aspx/4aa4-8125enw.pdf (Architecture and technologies in the HP BladeSystem c7000 Enclosure)

QUESTION 35
Which tool allows you to size and provide general performance metrics for HPE 3PAR StoreServ?

A. HPE NinjaSTARS for 3PAR

B. HPE Product Bulletin

C. HPE SalesBuilder for Windows

D. HPE Single Point of Configuration Knowledge

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 36
Which functionality does an HPE 3PAR StoreServ File Controller provide?

A. switch

B. router

C. bridge

D. gateway

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
HP 3PAR StoreServ File Controllers are clustered file gateway configurations with transparent failover and online rolling maintenance updates that deliver continuous availability of data to users, servers, and applications.

References: http://www8.hp.com/us/en/products/file-object-storage/product-detail.html?oid=6608649

QUESTION 37
What are disadvantages of using Fibre Channel Arbitrated Loop (FC-AL) rather than Fibre Channel switched fabric (FC-SW) topology? (Select two.)

A. FC-AL topology is usually more expensive than FC-SW.

B. Only one pair of ports can communicate at the same time.

C. Multiple pairs of ports communicate at the same time.

D. The failure of a port is isolated from the other ports.

E. The bandwidth is shared among all active nodes.

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:
A Fibre Channel Arbitrated Loop (FC-AL) is a high-speed Fibre Channel (FC) topology in which FC ports use arbitration to establish a point-to-point circuit and prevent multiple ports from sending frames at the same time.
In a Fibre Channel topology, devices are connected in a one-way ring. When ports in a loop topology have information to transmit, they must send out an arbitration signal to decide which port can use the channel. The port in control of the channel then sends an "open" signal to the destination port and transmits its data. Since all the ports in a loop are connected, every port will see and pass along the data -- but ignore the data unless it is addressed to that particular port.

QUESTION 38
What are benefits of the HPE StoreServ 3PAR architecture? (Select two.)

A. provides silicon-based hardware acceleration of thin technologies
B. supports direct SAS connection for up to four servers
C. provides iSCSI-based asynchronous remote replication
D. provides a meshed cluster architecture
E. scales out to meet small and medium-size business virtualization needs

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
* Reduce capacity requirements by up to 75% guaranteed when migrating from legacy storage to 3PAR StoreServ Storage with the HPE Get Thinner program.
* Achieve near-synchronous RPOs with flexible, transparent, model-agnostic remote replication.

References: http://www8.hp.com/us/en/products/disk-storage/product-detail.html?oid=8737813#!tab=features

QUESTION 39
Which statement is true about thin provisioning?

A. It uses a real I/O engine to intelligently position data on the most appropriate tier of storage.
B. It removes allocated. Out unused space with minimal performance impact.
C. It stores frequently accessed files in a local cache to reduce the consumed storage space.
D. It allows allocation of physical storage resources only after they are consumed by an application.

Correct Answer: B

QUESTION 40
Which HPE 3PAR StoreServ virtualization technology provides DRAM cache extension to reduce application response time for read intensive I/O workloads?

A. Priority Optimization
B. Rapid Provisioning
C. Persistent Cache
D. Adaptive Flash Cache

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41
You are presenting your storage solution design to the decision maker of a small SMB. What should you emphasize in your presentation?

A. performance, scalability, and six nines of availability
B. low cost to meet immediate needs
C. protection of investment by considering future growth
D. benefits of HPE over the competition

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42
Which transport protocol does the Virtual Connect FlexFabric 20/40 F8 supports?

A. FCIP

B. FCOE

C. ROMA

D. RoCE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
A customer request 3 new storage solution the RTO is measured in days. Which cost effective recovery option meet this requirements?

A. clustered HPE Storage array with backup to disks

B. highly available HPE Storage array with no backup

C. standalone HPE Storage array with HPE tape backup

D. redundant HPE Storage with replicated data offsite

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
A customer has a Windows 2012 SQL Cluster running on HIT StoreEasy 1450 storage and wants to ensure that combined throughput of all network adapters is used on all cluster nodes together. Which HPE StoreEasy system feature helps the customer meet this requirement?

A. Smart Pathing

B. Windows Native MPIO

C. SMB Multichannel

D. NLB Teaming

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
You are using HPE Library and Tape Tools to document serial number and firmware versions of your customers tape infrastructure. What do you use to perform this?

A. diagnostics option
B. device into option
C. support ticket option
D. failure analysis option

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
http://www8.hp.com/us/en/products/storage-software/productdetail.html?oid=406729

QUESTION 46
What are the benefits of using the NinjaProtected Tool?(Select Two)

A. assists in finding opportunities for cost reductions
B. measures the performance of transactions
C. identifies potential deduplication-driven benefits
D. simplifies the number of licenses required
E. identifies the agents that the solution needs

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
The IT manager of a large SMB customer is requesting a new storage array with the following features:

▪ VMware virtualization compatibility
▪ 2 sites with synchronous replication
▪ scalability for unpredictable growth between 10 and 50 percent
▪ support for up to 4 virtualization hosts

Which product should you present?

A. HPE StoreVirtual to provide synchronous replication
B. HPE MSA to meet customer product expectation
C. HPE MSA to reduce upfront costs
D. StoreOnce to address unpredictable growth with best-in-class deduplication algorithms

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48
Which types of data can be combined together for HPE Converged Storage. (Select three.)

A. structured
B. block
C. metadata
D. object
E. file
F. unstructured

Correct Answer: BDE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49
A customer wants to learn more about the HPE backup solution that you recently propposed. Which resource will help show its value?

A. HPE Active Answers
B. HPE Smart Portal
C. HPE SPOCK
D. HPE Virtual Resource Portal

Correct Answer: D

Section: (none)
Explanation

Explanation/Reference:
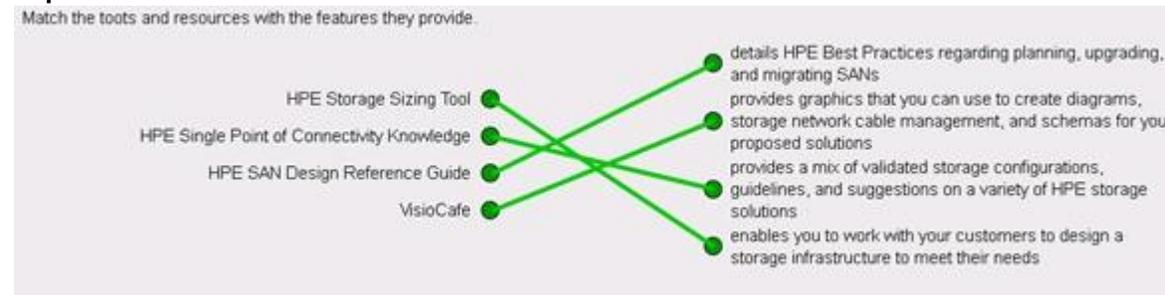
QUESTION 50
Match the tools and resources with the features they provide

Select and Place:

Correct Answer:

Section: (none)
Explanation

Explanation/Reference:

QUESTION 51
Which software is used to assign or zone D6000 drive bays directly to an HPE BladeSystem server bay?

A. Onboard Administrator (OA)
B. Virtual SAS Manager (VSM)
C. Selective Storage Presentation (SSP)
D. Array configurtion utility (ACU)

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
http://www8.hp.com/h20195/v2/GetPDF.aspx/

c04111505.pdf2Fc04111505.pdf&usg=AFQjCNH0SiQYxwprBwJF3lZ71W9rB_rWLw&bvm=bv.129391328,d.ZGg

QUESTION 52
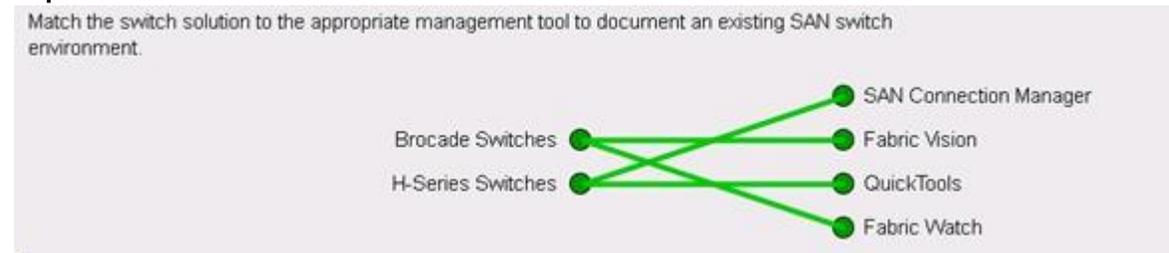Match the switch solution to the appropriate management tool to document an existing SAN switch enviroment

Select and Place:

Correct Answer:

Section: (none)
Explanation

Explanation/Reference:

Match the switch solution to the appropriate management tool to document an existing SAN switch environment.

Brocade Switches ──┐   ┌── SAN Connection Manager
                   ├──┼── Fabric Vision
H-Series Switches ─┘   ├── QuickTools
                         └── Fabric Watch

QUESTION 53
Which backup strategy requires only one backup set to completely restore a system?

A. working set backup
B. incremental backup
C. full backup
D. differential backup

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54
Which key feature of the HPE StoreVirtual arrays lets customers asynchronously replicate thinprovisioned, reservation-less snapshots between primary and remote locations?

A. LeftHand Networks Remote Copy

B. space reclamation

C. adaptive optimization

D. Peer Motion on LeftHand storage

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
http://www8.hp.com/h20195/v2/GetPDF.aspx/4AA4-4220ENW.pdf

QUESTION 55
For single files, what is a benefit of using a disk-to-disk backup solution versus a backup-to-tape x solution?

A. transportability

B. increased capacity

C. Faster restore

D. lower cost

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56
Which HPE StoreVirtual features enable substantially increased efficiency? (Select two.)

A. network RAID

B. iSCSI storage clustering

C. storage federation

D. reservation - less thin provisioning

E. space reclamation

Correct Answer: DE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
Considering the HPE Converged Storage strategy, match the appropriate product to its best use case.

Archive		StoreOnce
File		StoreEver
Dedupe To Disk		StoreServ
Block		StoreEasy

Select and Place:

Correct Answer:

Section: (none)
Explanation

Explanation/Reference:

Archive		Dedupe To Disk	toreOnce
File		Block	StoreEver
Dedupe To Disk		Archive	StoreServ
Block		File	StoreEasy

QUESTION 58
A customer is considering investing in a Fibre Channel. SAN-based infrastructure. They have a requirement to support mixed speed devices of 8 Gb and 16 Gb Fibre Channel and would like to be able to gradually add ports as the company grows.
Which entry-level SAN switch should you recommend to meet these requirements?

A. HPE SN6500B Fibre Channel Switch
B. Cisco MDS 9124 Fabric Switch
C. HPE 8/20q Fibre Channel Switch
D. HPE SN3000B Fibre Channel Switch

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 59
Which task can be performed using the HPE Server Smart Update tool?

A. configure a baste HPE StoreServ 3PAR
B. update the firmware of HPE StoreFabrics HBAs
C. update the HPE SN6000C 8 GD Fibre Channel Switch OS
D. update the HPE 3PAR OS Suite

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60
Which software-defined storage (SDS) product is optimized for virtual deployments?

A. HPE StoreServ
B. HPE MSA
C. HPE StoreVirtual
D. HPE XP

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference: