

HP

Exam HP0-J40

Designing HP StorageWorks Solutions [2010]

Version: 6.3

[Total Questions: 115]

Question No : 1 - (Topic 0)

A customer, owning an HP EVA storage array, requests a solution that provides access to servers which do not require Fibre Channel performance to their block storage. Which product should be included in the solution?

- A. HP StorageWorks 400 Multi-Protocol Router
- B. HP StorageWorks EVA iSCSI Connectivity Option
- C. HP StorageWorks IP Distance Gateway
- D. HP StorageWorks Coarse Wave Division Multiplexing Solution

Answer: B

Question No : 2 - (Topic 0)

Which product provides target-based management for storage and RAID management, setup, configuration, and troubleshooting?

- A. HP StorageWorks Enterprise Virtual Array Cluster
- B. HP SAN Virtualization Services Platform (SVSP)
- C. HP P4000 G2 Multi-Site SAN
- D. HP StorageWorks P2000 G3 Modular Smart Array

Answer: D

Question No : 3 - (Topic 0)

Which innovative split-path architecture solution provides centrally-managed storage pooling and virtual volume provisioning?

- A. HP P4000 G2 Storage Cluster architecture
- B. HP StorageWorks EVA
- C. HP SAN Virtualization Services Platform (SVSP)
- D. HP X9000 scale-out solution

Answer: C

Question No : 4 - (Topic 0)

The CIO of a regional banking company indicates that the bank needs to open a new data center to handle an increase in business and to properly protect the data of their customers. The existing data center servers are running an older version of Solaris on ProLiant. New servers at the new data center will run the latest version of Solaris on ProLiant. Data from the EVA storage array at the existing data center will be replicated to new storage. Which resource validates compatibility with server OS versions and storage arrays?

- A. SAN Validator
- B. SPOCK
- C. SalesBuilder
- D. SAN Design Guide

Answer: B

Question No : 5 - (Topic 0)

The CIO of a regional banking company indicates that the bank needs to open a new data center to handle an increase in business and to properly protect the data of their customers. The new data center will initially contain 25 servers and Fibre Channel-based storage. After the first two years, a minimum of 30 additional servers and any necessary storage will be added. These additional servers will include both rack and blade type servers. Due to current economic conditions, the bank needs to preserve cash and wants to purchase only components to handle the initial business need. The CIO also mentions that TCO is important to the CEO. The CIO does not want to have to replace any of the infrastructure components when expanding the data center in the future. Which type of SAN infrastructure is recommended as a solution for this bank?

- A. entry-level SAN with HP H-Series switches
- B. midrange level SAN with HP B-Series switches
- C. embedded switches with HP C-Series switches
- D. Converged Infrastructure SAN with DCB

Answer: B

Question No : 6 - (Topic 0)

A consultant recently visited a customer at a paper manufacturing site. The company has a small IT staff that performs basic server and storage administration. The IT staff wants a simple way to diagnose system faults, perform basic configuration management and keep

system software up-to-date. The paper manufacturer currently has EVA-based storage, a small SAN, and 10-15 servers. Two of these servers are VMware hosts, with 10-20 VMs per host running both Windows Server and SuSE Enterprise Linux operating systems. Which HP software should the consultant recommend to meet the IT staff's requirements?

- A. HP ProLiant Essentials Manager
- B. HP System Management Platform
- C. HP Storage Essentials
- D. HP Systems Insight Manager

Answer: D

Question No : 7 - (Topic 0)

A consultant speaks to the CIO of an automotive manufacturing company. The CIO reveals the company's plan to open a new data center to handle an expected increase in sales in the coming year. The CIO also mentions that TCO is important to the CEO, and the CIO does not want to replace components when expanding the data center. Which resource is available to analyze the expected cost of the storage for the new data center and provide financial justification?

- A. Business Value Tool
- B. Alinean ROI Tool
- C. SalesBuilder for Windows
- D. StorageWorks TCO Calculator

Answer: B

Question No : 8 - (Topic 0)

In being able to address a customer's business needs, a Converged Infrastructure requires more than just some products connected loosely or in partnership with other companies. HP is uniquely positioned to deliver on a full version of the Converged Infrastructure. What are some aspects of the Converged Infrastructure that give HP a significant advantage in the marketplace? (Select two.)

- A. power and cooling technologies
- B. SAN bridges and routers
- C. flexible servers and storage

D. data center design methodology

Answer: A,C

Question No : 9 - (Topic 0)

A flower distribution company is planning to redesign their web site and offer additional products and delivery services. They expect a significant increase in web traffic and sales. They want to ensure a quick response time and in some cases, provide same day delivery of an order. This will put an increased demand on their existing IT environment. This environment consists of a small SAN, two C7000 blade chassis and a storage array. Which changes to their environment are recommended? (Select two.)

- A. upgrade to larger disks in the storage array
- B. install an IO Accelerator in BladeSystem
- C. install additional disks in the storage array
- D. set up replication between the storage blades and the storage array
- E. install additional SAN switches

Answer: B,C

Question No : 10 - (Topic 0)

A customer needs a synchronous replication solution to a remote site at a very low-price entry point. Which product meets the customer's requirements?

- A. HP StorageWorks Enterprise Virtual Array Cluster
- B. HP StorageWorks 2000fc G2 Modular Smart Array
- C. HP P4000 G2 Multi-Site SAN
- D. HP SAN Virtualization Services Platform (SVSP)

Answer: C

Question No : 11 - (Topic 0)

A customer wants to add shared iSCSI storage and file serving to their BladeSystem enclosure. Which product, partnered with the SB40c, provides this functionality?

- A. X5000 Network Storage Gateway
- B. X1800sb Network Storage Blade
- C. X3800sb Network Storage Blade
- D. X3400 Network Storage Gateway

Answer: B

Question No : 12 - (Topic 0)

A customer needs a proposal for an HP Compliance Archiving solution. Which tool assists in defining and sizing the solution?

- A. HP Storage Builder for Windows
- B. HP StorageWorks Sizing Tool
- C. HP Integrated Archive Platform Sizing Tool
- D. HP Enterprise Configurator

Answer: B

Question No : 13 - (Topic 0)

A consultant is designing a SAN solution that includes an EVA6400 and an X3800 Network Storage Gateway. The customer wants optimal utilization of their storage capacity. Which add-on software provides this functionality?

- A. Business Copy EVA
- B. Replication Solution Manager
- C. Cluster Extension EVA
- D. Dynamic Capacity Management

Answer: D

Question No : 14 - (Topic 0)

What is the main function of core or director switches?

- A. provide support of multiple traffic classes over a lossless Ethernet fabric

- B. provide inter-switch links for any-to-any connectivity
- C. provide Fibre Channel over IP and iSCSI connectivity
- D. provide user ports for connecting servers and storage systems

Answer: B

Question No : 15 - (Topic 0)

Which encryption type is used for securing data in transit over IP networks?

- A. Advanced Encryption Standard
- B. Internet protocol security
- C. crypto processing engine
- D. Storage Media Encryption

Answer: B

Question No : 16 - (Topic 0)

A customer has Microsoft clusters presenting multiple TB of data as file services. The customer is looking for a technology approach to simplify the data lifecycle management of that large amount of data. Which HP Storage Essentials SRM tool would help the customer to quickly identify disk space that can be recycled, pinpoint critical files that should be replicated, and more accurately implement Information Management initiatives?

- A. Backup Manager
- B. NAS Manager
- C. File System Viewer
- D. Provisioning Manager

Answer: C

Question No : 17 - (Topic 0)

Which technology enables support of multiple traffic classes over a lossless Ethernet fabric?

- A. Fibre Channel over Ethernet
- B. Converged Enhanced Ethernet
- C. Data Center Bridging
- D. Shortest Path Bridging

Answer: B

Question No : 18 - (Topic 0)

For application disaster recovery, which type of local replication permits rapid recovery of applications?

- A. capacity free snapshot
- B. snapclone
- C. consistency group snap
- D. traditional snapshot

Answer: B

Question No : 19 - (Topic 0)

Which component handles file locking in a traditional file servicing infrastructure?

- A. majority node
- B. file server
- C. witness file share
- D. quorum disk

Answer: B

Question No : 20 - (Topic 0)

A consultant is in contact with a customer who wants to improve the performance and availability of their existing SAN infrastructure, which consists of B-Series 2Gb/s and 4Gb/s SAN Switches. Which product segment provides Enterprise-class availability features at a reasonable price/performance ratio?

- A. midrange switches
- B. entry-level switches
- C. director switches
- D. multipurpose switches

Answer: A

Question No : 21 - (Topic 0)

Which management protocols are used to gather basic information from the system, such as the type of system (server, workstation, or printer) and serial number? (Select two.)

- A. WBEM
- B. NTP
- C. SMI-S
- D. TCP/IP
- E. SCTP

Answer: A,C

Question No : 22 - (Topic 0)

Which best practice should be suggested when designing an iSCSI Storage Area Network?

- A. limit parallel iSCSI sessions to 500 to achieve optimal performance
- B. separate iSCSI traffic from all other network traffic
- C. implement separate VLANs for each database application service
- D. team 1Gb/s networks to achieve optimal performance

Answer: B

Question No : 23 - (Topic 0)

What is a key benefit of storage virtualization?

- A. to create a tiered storage infrastructure
- B. to separate logical data access from physical data access