HP

Exam HP0-J39

HP0-J39 Designing and Implementing HP P4000 SAN Solutions

6.1

[Total Questions: 145]

Topic 0, Volume A

Volume A

Question No : 1 - (Topic 0)

Which statements about HP P4000 SAN Network RAID levels are correct? (Select three.)

A. Copies are located on different clusters.
B. Redundant copies of blocks reside on different storage nodes.
C. Performance improves as the number of copies increases.
D. Up to four copies can be created.
E. The Network RAID level is defined per storage node.
F. The number of storage nodes in the cluster can limit the Network RAID level.

Answer: B,D,F

Question No : 2 - (Topic 0)

Which statements about remote copies are correct? (Select two.)

A. Remote copies can not be mounted.
B. Remote copies are always thin provisioned.
C. Remote copies are asynchronous replicas of a volume.
D. Remote copies can be synchronous and asynchronous.
E. Remote copies are asynchronous replicas between different clusters.

Answer: B,C

Question No : 3 - (Topic 0)

Which benefit does a virtual IP load balancing (VIPLB) initiator provide?

A. directs iSCSI communication to the least busy storage module
B. supports simultaneous iSCSI communication with multiple storage modules
C. selects the next storage module in the list for iSCSI communication
D. prefers the fastest connection for iSCSI communication

Answer: A

Question No : 4 - (Topic 0)

What are potential purposes to utilize snapshots? (Select two.)

A. to restore files without tape or backup software
B. to protect against unintended manual data deletion
C. to protect against disk failures
D. to protect against multiple hardware failures
E. to prevent sensitive data from modification

Answer: A,B

Question No : 5 - (Topic 0)

Click the Exhibit button.

Mesh Protocol

Which network protocol should be enabled when using ProCurve switches in an iSCSI storage network?

A. Mesh Protocol
B. Simple Loop Prevention Protocol
C. Rapid Spanning Tree Protocol
D. Point-to-Point Protocol

Answer: C

Question No : 6 - (Topic 0)

Which HBA and iSCSI initiator combination does the iSCSI protocol support? (Select two.)

A. iSCSI HBA with TCP offload engine (TOE)
B. software iSCSI initiator with Fibre Channel HBA
C. software iSCSI initiator with InfiniBand HBA
D. iSCSI Fibre Channel HBA with TCP TOE software iSCSI initiator
E. software iSCSI initiator with NIC

Answer: A,E

Question No : 7 - (Topic 0)

What are characteristics of device specific module MPIO (DSM MPIO)? (Select two.)

A. DSM MPIO redirects iSCSI communication to the least busy storage node.
B. DSM MPIO communication offers better performance than non-DSM MPIO communication.
C. DSM MPIO is available for all operating systems with iSCSI support.
D. DSM MPIO provides the servers with the data mapping of each node.
E. DSM MPIO provides a set of built-in data transport security features.

Answer: B,D

Question No : 8 - (Topic 0)

What is the recommended network latency on a multi-site SAN subnet?

A. below 2 ms
B. below 5 ms
C. below 9 ms
D. below 15 ms

Answer: A

Question No : 9 - (Topic 0)

A design consists of an HP P4000 SAN solution installed across four sites. How many servers running the central management console are required to manage the solution?

A. 8
B. 4
C. 2
D. 1

Answer: D

Question No : 10 - (Topic 0)

What is a major enhancement of SAN/iQ 8.5 over SAN/iQ 8.1?

A. Network RAID 1 and 10
B. Network RAID 5 and 6
C. application-managed snapshots
D. thin provisioned SmartClone

Answer: B

Question No : 11 - (Topic 0)

At which level in HP P4000 SAN solutions is RAID configured?

A. storage node
B. volume
C. management group
D. cluster

Answer: A

Question No : 12 - (Topic 0)

Which operating systems does the HP P4000 SAN solution support? (Select three.)

A. Solaris 9
B. OS X Leopard 10.5.5
C. HP OpenVMS 8.3
D. Novell NetWare 6.5
E. SUSE Linux Enterprise Server 10

Answer: B,D,E

Question No : 13 - (Topic 0)

What are the correct steps to create a remote copy on a P4000 G2?

A. Create the remote volume and link it to the primary volume, copy the data.
B. Create the primary volume, create the remote volume and link it to the primary volume, copy the data.
C. Create the remote volume and snapshot, link the primary volume to the remote snapshot, copy the data.
D. Create the primary snapshot, create the remote volume and snapshot, link it to the primary snapshot, copy the data.

Answer: D

Question No : 14 - (Topic 0)

Which instance is responsible for access control?

A. cluster
B. server
C. management group
D. volume

Answer: B

Question No : 15 - (Topic 0)

How does the HP P4000 SAN solution allow aggregate application performance to be increased when capacity is added?

A. Capacity and performance are adjusted on a linear scale.
B. Application priority can be adjusted.
C. Capacity and performance are dynamically adjusted to maintain balance.
D. Capacity and performance are balanced through the configuration of expansion modules.

Answer: A

Question No : 16 - (Topic 0)

Which HP service is offered for customers who require a safe migration of Windows data in

their TCP/IP networks with minimal impact on other operations?

A. HP Installation and Startup for HP P4000 SAN Solutions
B. HP Entry Storage Data Migration Service for Windows
C. HP Data Transition Service for P4000 Storage Solutions
D. HP StorageWorks Storage Mirroring for IP networks

Answer: B

Question No : 17 - (Topic 0)

Click the Exhibit button.

P4500 G2 10.8TB Virtualization SAN

A customer wants to implement a P4000 G2 SAN for test and development servers (1TB of data). There is no need for data availability. The hardware RAID level should be RAID 5. The solution should provide 2000 I/Os per second.

What is the minimum P4000 configuration that meets these requirements correctly?

A. P4500 G2 10.8TB Virtualization SAN
B. P4300 G2 7.2TB SAS Starter SAN
C. P4300 G2 3.6TB SAS
D. P4300 G2 16TB MDL SAS Starter SAN

Answer: B

Question No : 18 - (Topic 0)

A customer requires virtual desktops in their client infrastructure. Which SAN/iQ feature supports the implementation?

A. SAN/IQ Snap
B. Network RAID
C. SmartClone
D. RemoteCopy

Answer: C

Question No : 19 - (Topic 0)

What is the standard hardware warranty of an HP StorageWorks P4500 G2 21.6TB SAS Multi-site SAN solution?

A. 1 year hardware maintenance on-site, next business day
B. 1 year hardware maintenance on-site, SupportPlus
C. 3 years hardware maintenance on-site, SupportPlus
D. 3 years hardware maintenance on-site, next business day

Answer: D

Question No : 20 - (Topic 0)

Which prerequisite operation is required before you can successfully install the Centralized Management Console?

A. MPIO DSM must be installed on a management workstation or server to connect to the storage nodes on the network.
B. An iSCSI initiator must be installed on a management workstation or server (the latest version of the Microsoft iSCSI initiator, for example).
C. The connectivity of the management workstation or server to the storage nodes on the network must be checked and confirmed.
D. An administrative user with local or domain administrator rights must be created in active directory.

Answer: C

Question No : 21 - (Topic 0)

Microsoft Windows requires at least which permission to access volumes?

A. modify
B. read/write
C. delete
D. read

Answer: B

Question No : 22 - (Topic 0)

An administrator is manually creating a snapshot on an existing volume in the CMC. What are properties of this newly created snapshot? (Select two.)

A. The default snapshot provision level is full.
B. Only delta changes are recorded.
C. The default snapshot provision level is thin.
D. All new data are copy-on-write and use actual space.
E. It can not be used to modify data.

Answer: B,C

Question No : 23 - (Topic 0)

You create a new volume by right clicking the cluster name and selecting New Volume. What else is important to know about creating and managing volumes? (Select two.)

A. The volume name is a string of 1 through 63 case sensitive characters that is displayed in the CMC.
B. The volume name can not be modified without deleting the volume.
C. A volume is assigned to a server after clicking Assign and Unassign Server.
D. A new volume can be connected to an existing server at creation time.
E. A volume must be shrunk before the contained file system can be shrunk.

Answer: B,D

Question No : 24 - (Topic 0)

What are appropriate situations for Failover Manager? (Select two.)

A. Multiple sites are in the environment.
B. Multiple volumes are part of a Network RAID configuration.
C. Multiple remote copy operations are enabled.
D. Multiple storage nodes are configured in a cluster.