



**Vendor:** HP

**Exam Code:** HP0-J39

**Exam Name:** Designing and Implementing HP P4000 SAN  
Solutions

**Version:** DEMO

1. 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

2. 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

3. 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

4. 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

5. Click the Exhibit button. 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

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

- A. iSCSI HBA with TCP offload engine (TOE)

- B. softwareiSCSI initiator with Fibre Channel HBA
- C. softwareiSCSI initiator with InfiniBand HBA
- D. iSCSI Fibre Channel HBA with TCP TOE software iSCSI initiator
- E. softwareiSCSI initiator with NIC

Answer: A,E

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

- A. DSM MPIO redirectsiSCSI 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 withiSCSI 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

8.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

9.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

10.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 provisionedSmartClone

Answer: B

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

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

Answer: A

12. 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

13. 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

14. Which instance is responsible for access control?

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

Answer: B

15. 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