

**Exam : HP HP0-J17**

**Title : Designing and Implementing  
the HP StorageWorks  
EVA4400**

**Version : Demo**

1. Which components are redundant in the controller shelf?

- A. Riser Cards
- B. controller fans
- C. cache batteries
- D. Management Modules

**Answer: B**

2. Where is the disk group configuration stored when the storage system is powered off?

- A. within the metadata
- B. within the two controllers
- C. within the management server
- D. within the Management Module

**Answer: A**

3. When is the first disk group (default disk group) created?

- A. after storage system initialization
- B. during the initialization of the storage system
- C. during the installation of Command View EVA
- D. manually, before the system can be initialized

**Answer: B**

4. What is a requirement for a fully allocated snapshot in relation to its source?

- A. It must be located in the same disk group.
- B. It must be located in a different disk group.
- C. It must be assigned to a higher redundancy level.
- D. It must be assigned to the same redundancy level.

**Answer: A**

5. What happens when a disk fails in a traditional RAID5 configuration?

- A. The array becomes inoperative.

- B. The array goes offline to prevent data loss.
- C. The array continues to run in read-only mode.
- D. The array continues to run in a degraded state.

**Answer: D**

6. The EVA uses a virtual disk map to translate the physical blocks to the virtual disk space.

Where is the virtual disk map stored?

- A. on the primary quorum disk
- B. in each disk group's metadata
- C. in flash on each controller to avoid a single point of failure
- D. in unassigned capacity to prevent it from being assigned to a disk group

**Answer: B**

7. How can an EVA4400 be integrated into an iSCSI environment?

- A. by using a Fibre Channel to iSCSI gateway
- B. by setting the host port characteristic to iSCSI mode
- C. by replacing the Fibre Channel SFPs with iSCSI SFPs
- D. by enabling iSCSI communication on the Ethernet port of the Management Module

**Answer: A**

8. Which disk drive types are supported in the EVA4400 M6412 enclosure? (Select two.)

- A. SAS
- B. iSCSI
- C. FATA
- D. SATA
- E. Fibre Channel

**Answer: CE**

9. Which statements are true about an EVA virtual disk? (Select two.)

- A. It can be created in 1GB increments.

- B. It can be created in increments of 1 PSEG.
- C. Data are spread across all disk group members.
- D. All Vraid levels protect against loss of at least one disk.
- E. It is a collection of virtual drives that reside in the EVA's unassigned capacity.

**Answer: AC**

10. Which EVA process distributes all data contained in the virtual disks across all physical disks in the disk group?

- A. load balancing
- B. disk group leveling
- C. virtual disk leveling
- D. distributed virtual RAID

**Answer: B**

11. Why would Ethernet access be unavailable to the Management Module after a power failure?

- A. The DHCP server is not available to renew the address.
- B. After power failure, the IP address is set to the factory default.
- C. The console password to re-enable the Ethernet port was not entered in Command View EVA.
- D. The Management Module cannot obtain the IP address from the metadata of the storage system.

**Answer: D**

12. What is the minimum requirement to rebuild a Vraid5 within a disk group?

- A. unassigned space
- B. dedicated spare disk
- C. protection level set to single
- D. protection level set to double

**Answer: A**

13. Which statement is correct about World Wide Names (WWN) on an EVA?

- A. A unique WWN must be assigned to the controller pair.

- B. A unique WWN must be assigned to each controller in a controller pair.
- C. During fabric login, a unique WWN is automatically assigned to the EVA.
- D. To support data replication, a unique WWN must be assigned to each LUN.

**Answer: A**

14. Which built-in EVA functionality can be used to restrict host access to LUNs?

- A. zoning
- B. Secure Host List
- C. Preferred Host Config
- D. Selective Storage Presentation (SSP)

**Answer: D**

15. What is a Redundant Storage Set (RSS)?

- A. a remote storage server with a copy of at least one local LUN
- B. a set of redundant storage devices reserved as a spare disk group
- C. reserved snapshot space used during snapshot and clone creation
- D. a system-generated subgrouping of drives in a disk group to allow failure separation

**Answer: D**