



**Vendor:** HP

**Exam Code:** HP2-K31

**Exam Name:** Technical Introduction to the HP Storage SMB Portfolio

**Version:** DEMO

#### QUESTION 1

Which HP intellectual property innovations does StoreOnce deduplication software leverage?  
(Select two.)

- A. fine-grained, variable chunking
- B. data sampling
- C. policy enforcing
- D. sparse indexing
- E. locality optimizing

**Answer:** AD

#### QUESTION 2

Which statement is true about HP Ultrium Tape Blades?

- A. They can be used with an HP SB40c Storage Blade and connected to the same server blade.
- B. They are developed exclusively for HP BladeSystem c-Class enclosures.
- C. They use TapeAssure for hardware data encryption.
- D. They represent five generations of LTO tape blade technology

**Answer:** B

**Explanation:**

[http://h18000.www1.hp.com/products/quickspecs/12729\\_na/12729\\_na.HTML](http://h18000.www1.hp.com/products/quickspecs/12729_na/12729_na.HTML) (Overview, second paragraph)

#### QUESTION 3

What is an advantage of SAS drives over SATA drives?

- A. greater disk capacity
- B. higher speed data transfers
- C. lower cost per GB
- D. hot-swap capability

**Answer:** B

**Explanation:**

<http://www.iscsi-raid.com/pdfs/SASSATA.pdf> (Advantages of Unified Storage, first paragraph)

#### QUESTION 4

In which type of RAID is each disk paired with another specific disk?

- A. RAID0
- B. RAID1
- C. RAID 5
- D. RAID 6

**Answer:** B

#### QUESTION 5

Which feature, included in HP StoreOnce Backup, eliminates redundant data during backups by

saving a single copy of identical data and replacing any further instances with pointers back to that copy?

- A. deduplication
- B. dynamic allocation
- C. dynamic reallocation
- D. low-bandwidth replication

**Answer: A**

**Explanation:**

<http://h30507.www3.hp.com/t5/Around-the-Storage-Block-Blog/bg-p/139/label-name/disk-based%20backup> (Simply Business protection or small and midsize IT environments, see the paragraph)

#### **QUESTION 6**

What is a logical unit number (LUN)?

- A. a unique ID used to present a larger or smaller view of disk storage to the server
- B. a command data block sent by an iSCSI initiator to a target
- C. an algorithm that determines whether an I/O stream will benefit from caching
- D. a collection of Fibre Channel adapters (FCAs) that resides in the same virtual server

**Answer: A**

#### **QUESTION 7**

Which type of storage includes an internal RAID controller?

- A. NAS
- B. SAN
- C. DAS
- D. FibreChannel

**Answer: C**

**Explanation:**

<http://www.petri.co.il/das-nas-san-storage-technologies.htm> (DAS, second paragraph)

#### **QUESTION 8**

Which HP tape technology enables library-based encryption?

- A. Ultrium 448
- B. Super DLT II 600GB
- C. Super DLT 320
- D. LTO-5 Ultrium 3280

**Answer: D**

#### **QUESTION 9**

Which type of storage uses a host bus adapter (HBA) located in the host server typically with a Fibre Channel interface?

- A. internal
- B. DAS
- C. SAN
- D. NAS

**Answer:** C

**Explanation:**

<http://www.tech-faq.com/hba.html> (first paragraph)

#### QUESTION 10

Which type of disk drive provides the highest level of performance?

- A. ISSD
- B. IDE
- C. SCSI
- D. SATA

**Answer:** D

#### QUESTION 11

What is the function of HP StoreOnce Backup?

- A. provides additional virtual devices and leverages existing EVA infrastructure
- B. enables administrators to change backup software and monitoring policies
- C. accelerates backup performance in complex SAN and iSCSI environments
- D. increases the capacity and thus the complexity of a SAN environment

**Answer:** C

#### QUESTION 12

The HP LeftHand 4800 Storage for HP Bladesystem solves the performance issue often associated with virtualized server environments. What is the main reason for this performance improvement?

- A. dense spindle count
- B. immediate access with Virtually Instantaneous Snapclones
- C. effective utilization of storage space with Virtually Capacity-Free Snapshots
- D. redundant storage sets

**Answer:** A

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