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## **Exam A**

### **QUESTION 1**

What are characteristics of storage system level virtualization? (Select two.)

- A. Storage pools are created from virtual blocks of storage.
- B. Virtual disks are created from a storage pool.
- C. Virtualization resides in the array controllers.
- D. Virtualization resides in the host.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### **QUESTION 2**

Current EVAs comply with which environmental norms? (Select two.)

- A. IEEE
- B. ROHS
- C. OSHA
- D. WEEE

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### **QUESTION 3**

Which EVA management tool simplifies storage administration to deliver a low total cost of ownership?

- A. SmartStart EVA
- B. Business Copy EVA
- C. Continuous Access EVA
- D. Command View EVA

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### **QUESTION 4**

What is the maximum storage capacity of one EVA4400 model 2C8D with 1TB drives?

- A. 8TB
- B. 16TB
- C. 96TB
- D. 112TB

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 5**

What is the maximum number of disk drives supported in an EVA4400 storage system?

- A. 84
- B. 96
- C. 108
- D. 120

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 6**

What is the name of the rack used for all EVA storage systems?

- A. HP 9000
- B. HP 10000 G2



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- C. 5642
- D. Any third party rack

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 7**

How many controller enclosures are present in the EVA4400, EVA6400, and EVA8400, respectively?

- A. 1, 1, 1
- B. 2, 1, 2
- C. 1, 1, 2
- D. 1, 2, 2

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 8**

What is the maximum storage capacity of one EVA6400 model 2C8D with 300GB drives?

- A. 2.4TB
- B. 4.8TB
- C. 28.8TB
- D. 33.6TB

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 9**

How much total controller cache is available with the EVA4400 storage system?

- A. 2GB
- B. 4GB
- C. 6GB
- D. 8GB

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 10**

What are the main software components used for EVA array management? (Select two.)

- A. Controller firmware
- B. OCP
- C. Command View EVA
- D. SSSU

**Correct Answer: CD**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 11**

Which tool is used to configure EVA4400 hardware properties, such as configuring the connectivity?

- A. Web-based Operator Control Panel (WOCP)
- B. Loop Switch

- C. Controller OCP
- D. SmartStart EVA

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 12**

Which statements are true regarding disk drives for the M5x14x disk drive enclosure? (Select two.)

- A. dual-ported 2Gb/s
- B. dual-ported 4Gb/s
- C. online, near-online, or SSD
- D. online or near-online

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 13**

Which types of servers are supported with Command View EVA server-based management? (Select two.)

- A. dedicated management server
- B. general purpose server
- C. any network storage gateway
- D. any virtual server

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 14**

What is the purpose of the SSSU?

- A. allows the management server to communicate with the controllers
- B. allows the issuing of text commands to manage the EVA
- C. allows scripts compiled for HSG controllers to be used
- D. allows fault reporting to a remote location

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 15**

Which statements are true regarding licensing the EVA with Command View EVA 7.0 and above? (Select two.)

- A. There is strict license enforcement for Command View EVA, Business Copy, and Continuous Access functionality.
- B. There is no license enforcement at all.
- C. There is no licensing enforcement for the basic license.
- D. Licensing is only required for Business Copy and Continuous Access functionality

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 16**

Which operating systems are bootable from the EVA? (Select two.)

- A. Citrix Xen
- B. Windows 2000 Server
- C. Apple Mac OS X
- D. VMware

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 17**

Which hardware support services are included with the EVA? (Select two.)

- A. installation and startup service
- B. five-year hardware support for all models
- C. two- or three-year hardware support, depending on the model
- D. one hour phone response on a 24 X 7 basis

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 18**

Which coexisting EVA product allows local data replication?

- A. Business Copy EVA
- B. Replication Solutions Manager
- C. Continuous Access EVA
- D. Secure Path

**Correct Answer:** A

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 19**

Which statement is true regarding storage system virtualization?

- A. It resides within a storage subsystem, such as an array controller.
- B. It is dependent on the host.
- C. The storage array controllers alone provide the functionality to create virtual disks, snapshots, and clones.
- D. It is a one to one model.

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 20**

Which statements are descriptive of the default disk group? (Select two.)

- A. a unique disk group that has limited uses
- B. can be deleted after another disk group is created
- C. cannot be deleted after another disk group is created
- D. can be renamed

**Correct Answer: CD**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 21**

What is the default value for the disk failure protection level?

- A. None
- B. Single
- C. Double
- D. Triple

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 22**

Unusable capacity, reserved for disk group protection level and metadata, is which type of capacity?

- A. assigned capacity

- B. allocated capacity
- C. unassigned capacity
- D. unallocated capacity

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 23**

Which statement is true regarding the creation of disk groups?

- A. You must create at least two disk groups.
- B. The default disk group is created during array initialization.
- C. The default disk group is created after array initialization.
- D. You can never add disks to the default disk group

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 24**

Virtual disks configured as VRAID1 always provide what percent of disk group capacity?

- A. 50
- B. 75
- C. 80
- D. 100

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 25**

Virtual disks configured as VRAID5 always provide what percent of disk group capacity?

- A. 50
- B. 75
- C. 80
- D. 100

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**



**QUESTION 26**

What are the valid virtual disk redundancy levels for the EVA?

- A. striped, mirrored, and parity
- B. striped, mirrored, and striped with parity
- C. striped, striped and mirrored, and striped with parity
- D. striped, striped and mirrored, striped with parity, and striped with dual parity

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 27**

Which statement describes how the HSV controller assigns the logical blocks of a virtual disk to specific physical disk blocks?

- A. through a preset disk mapping algorithm
- B. using virtual LUN maps
- C. with host-generated LUN mapping
- D. through a dynamic map managed by the controller

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 28**

Which factors affect how a disk group uses spare capacity? (Select two.)

- A. the number of controllers attached to the disk group
- B. whether the disk group contains disks with varying capacities
- C. the types, sizes, and combinations of virtual disks that are carved from the disk group
- D. the number of RAID levels within the disk group

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 29**

What is the approximate maximum virtual disk size for a disk group with 10 36GB drives and a disk protection level of Single?

- A. 134GB
- B. 202GB
- C. 270GB
- D. 338GB

**Correct Answer:** C  
**Section:** (none)  
**Explanation**

**Explanation/Reference:**



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**QUESTION 30**

In a redundant storage set, user data is segmented into redundant stores (RStores) of what size?

- A. 4MB
- B. 8MB
- C. 16MB
- D. 32MB

**Correct Answer:** B  
**Section:** (none)  
**Explanation**

**Explanation/Reference:**

**QUESTION 31**

In an EVA, what is the purpose of virtual disk leveling?

- A. to dynamically distribute data blocks over many physical spindles to eliminate performance bottlenecks
- B. to equalize disk capacity
- C. to allocate space per disk group to recover from physical disk group member failure
- D. to build virtual disks from physical disks

**Correct Answer:** B  
**Section:** (none)  
**Explanation**

**Explanation/Reference:**

**QUESTION 32**

Which mirror/clone state gives point in time copy, with the sharing relationship still intact?

- A. synchronized
- B. resync
- C. fracture (suspend)
- D. break

**Correct Answer:** B  
**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 33**

What must be created first before the creation of a pre-allocated snap or mirrorclone?

- A. demand-allocated snapshot
- B. container
- C. virtual disk
- D. new disk group

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 34**

What represents the creation of a separate virtual disk performed in the background?

- A. fully-allocated snapshot
- B. demand-allocated snapshot
- C. snapclone
- D. business continuous volume

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 35**

Which type of snapshot is virtually capacity-free, and marked as overcommitted and put into an inoperative state if the disk group becomes full?

- A. fully-allocated
- B. demand-allocated
- C. mirrored
- D. empty

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**



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