

# HP

## Exam HP2-K08

Supporting the MSA1000, 1500cs & 1510i

Version: 3.3

[ Total Questions: 146 ]

**Question No : 1**

Which SCSI ID has the highest priority on a SCSI bus?

- A. 0
- B. 7
- C. 8
- D. 15

**Answer: B**

**Question No : 2**

Which statement is correct concerning LUN ownership in an active/active controller configuration?

- A. All LUNs are owned by the same controller.
- B. A LUN is owned by one controller at a time.
- C. Ownership of all LUNs is shared between both controllers.
- D. The LUN is owned by the controller to which the I/O is directed.

**Answer: C**

**Question No : 3**

Which drive type is best for holding large amounts of reference data?

- A. ATA
- B. SCSI
- C. SATA
- D. Fibre Channel

**Answer: C**

**Question No : 4**

Which actions are recommended to avoid functional problems when configuring or installing a SCSI bus? (Select two.)

- A. Terminate every SCSI device.
- B. Use passive termination for LVD SCSI.
- C. Use the same SCSI ID for identical device types.
- D. Visually inspect the connectors for damaged pins.
- E. Fasten the connectors with the screws provided on the connectors.

**Answer: B,C**

**Question No : 5**

Two drives in one array fail at the same time, where RAID 5 and ADG are in use. What happens to the logical drives?

- A. RAID 5 and ADG become unavailable.
- B. RAID 5 and ADG become performance reduced.
- C. RAID 5 and ADG stay available without any restriction.
- D. RAID 5 becomes unavailable and ADG becomes performance reduced.

**Answer: D**

**Question No : 6**

What is the operational configuration limit for Secure Path 4.0c for Windows in an MSA storage environment? (Select two.)

- A. a maximum of 20 hosts per set of shared storage systems (per profile)
- B. a maximum of 128 hosts per set of shared storage systems (per profile)
- C. a maximum of 256 storage systems shared by a set of hosts (per profile)
- D. a maximum of 32 LUNS per target with a maximum of two paths per LUN
- E. a maximum of 128 LUNS per target with a maximum of two paths per LUN

**Answer: B,D**

**Question No : 7**

How can you extend the storage capacity of a logical drive using the Array Configuration Utility? (Select two.)

- A. Add a hot spare to the array.
- B. Add a new disk to the logical drive.
- C. Add unused space from any array to the logical drive.
- D. Add a new disk to the array where the logical drive resides.
- E. Add unused space from the array where the logical drive resides.

**Answer: D,E**

**Question No : 8**

What is the role of an MSA1510i controller in an iSCSI environment?

- A. agent
- B. target
- C. server
- D. initiator

**Answer: D**

**Question No : 9**

How can you access the Command Line Interface of the different MSA systems? (Select two.)

- A. MSA1510i systems require telnet connections.
- B. MSA1510i systems support both serial or telnet connections.
- C. MSA1000, MSA1500cs, and MSA1510i systems support serial connections.
- D. MSA1000, MSA1500cs, and MSA1510i systems require serial connections.
- E. MSA1000, MSA1500cs, and MSA1510i systems support both serial and telnet connections.

**Answer: B,E**

**Question No : 10**

What must be replaced to upgrade the StorageWorks 4200/4300 enclosure to an MSA30?  
(Select two.)

- A. backplane
- B. I/O module
- C. SCSI cable
- D. power supply
- E. environmental monitoring unit

**Answer: B,E**

**Question No : 11**

What does an MSA1500cs provide the ability to use?

- A. disk drives from an HP-XP
- B. disk drives from an EVA3000
- C. a tiered storage approach using SATA and SCSI
- D. SATA and SCSI disk drives in the same drive shelf

**Answer: C**

**Question No : 12**

Which statement about MSA-supported multipath software is correct?

- A. The QLogic Multipath Driver is required for Linux operating systems.
- B. HP Secure Path is required for all MSA-supported operating systems.
- C. The QLogic Multipath Driver cannot be used for Linux operating systems.
- D. HP Secure Path and the Microsoft Multipath I/O driver (MPIO) can be used for all MSA-supported operating systems.

**Answer: A**

**Question No : 13**

The embedded MSA1000 SAN switch 2/8 allows full integration with which option?

- A. Hubs
- B. C-Series (Cisco) switches
- C. M-Series (McData) switches
- D. B-Series (Brocade) switches

**Answer: C**

**Question No : 14**

For which object can spare drives be defined using the Array Configuration Utility?

- A. a single array
- B. one or more arrays
- C. a single RAID 5 logical drive
- D. one or more logical drive partitions

**Answer: A**

**Question No : 15**

How can the Command Line Interface of an MSA1000 be accessed through the serial port?

- A. Establish a network connection and use telnet.
- B. Establish a host connection and use hyperterminal.
- C. Establish a serial connection and run CommandView MSA.
- D. Establish a Fibre Channel connection and run sssu.exe (Storage System Scripting Utility).

**Answer: B**

**Question No : 16**

What must you do to update the second controller through ROM cloning?

- A. Activate ROM cloning in the ACU.
- B. Activate ROM cloning in MSA Flash.
- C. Insert the second controller while the MSA is powered on.
- D. Insert the second controller while the MSA is powered off.

**Answer: C**

**Question No : 17**

When installing additional SCSI I/O modules for the MSA1500cs, what is the recommended method to populate the module bays?

- A. from left-to-right
- B. from right-to-left
- C. in an arbitrary order
- D. starting close to the fan modules

**Answer: A**

**Question No : 18**

Which rule applies when you install a second cache module on an MSA1000 controller?

- A. The size of the cache modules must be the same.
- B. The smaller module determines the total write cache size.
- C. The larger module is limited to the size of the smaller module.
- D. The larger module must be installed in the primary array accelerator slot.

**Answer: A**

**Question No : 19**

Where does the Storage Management Utility reside?

- A. on the storage management host
- B. on the controller ROM of the MSA system
- C. on a host with a TCP/IP connection to the MSA
- D. on a host with a Fibre Channel connection to the MSA

**Answer: B**

**Question No : 20**

What must you consider when upgrading a dual-controller MSA1000 from active/passive to an active/active mode?

- A. The cache must be disabled during the upgrade.
- B. Path failover during the rolling upgrade must be prevented.
- C. Backward migration to active/passive mode will cause loss of the configuration.
- D. A single controller must be manually isolated by moving the LUNs to the other controller.

**Answer: C**

**Question No : 21**

Which statement about hot-pluggable parts of an MSA1500cs is correct?

- A. All parts of an MSA1500cs are hot-pluggable.
- B. By replacing hot-pluggable parts, the system guarantees the data integrity.
- C. Before replacing a hot-pluggable part, set the system in maintenance mode.
- D. Before replacing hot-pluggable parts, ensure that all steps have been taken to prevent data loss.

**Answer: B**



**Question No : 22**

What is used by both the MSA1500cs and MSA20?

- A. fan modules
- B. SCSI I/O module
- C. SATA I/O module
- D. Fibre Channel I/O module

**Answer: A**

**Question No : 23**

What is the electrical specification of the Ultra320 port of the SCSI I/O module?

- A. SE (single ended)
- B. LVD/SE autosense
- C. LVD (low-voltage differential)
- D. HVD (high-voltage differential)

**Answer: C**

**Question No : 24**

Which software type represents the Storage Management Utility (SMU) and how is it installed?

- A. SMU is a modular component of the MSA controller firmware and comes factory installed.
- B. SMU is a component of HP Systems Insight Manager (HP SIM) and is installed along with HP SIM.
- C. SMU is a self-propagating client and can be installed on any system with a TCP/IP connection to the MSA.
- D. SMU is an agent and must be installed individually on each host with a Fibre Channel connection to the MSA.

**Answer: A**

**Question No : 25**

A customer wants to introduce an MSA1000 into an existing SAN with B-Series (Brocade) switches. What connects the MSA1000 to the SAN?

- A. MSA Hub 2/3
- B. Gigabit Ethernet
- C. MSA Fabric Switch 6
- D. MSA Fabric Switch 2/8

**Answer: C**

**Question No : 26**

Which tools can be used to update the MSA1000 controller firmware? (Select two.)

- A. MSA Flash Utility
- B. ADU (Array Diagnostic Utility)
- C. SIM (System Insight Manager)
- D. ACU (Array Configuration Utility)
- E. SMU (Storage Management Utility)
- F. MSA CLI (Command Line Interface)

**Answer: A,F**

**Question No : 27**

Which statement about the MSA1500cs SCSI I/O modules is correct?

- A. The I/O module has a SATA and an Ultra320 connector.
- B. Different I/O module types are used for SATA and SCSI drive enclosures.
- C. Only two SATA or two SCSI drive enclosures can connect to a single I/O module.
- D. Only one SCSI drive enclosure or two SATA drive enclosures can connect to a single I/O module.