

## Microsoft HP0-803 Questions \$ Answers

Number: HP0-803  
Passing Score: 800  
Time Limit: 120 min  
File Version: 30.0



Microsoft HP0-803 Questions \$ Answers

Exam Name: Implementing MSA Storage Solutions

**Examsoon****QUESTION 1**

Which operating system is supported in an MSA1000 SAN configuration with an FCA2210 host bus adapter (HBA)?

- A. Linux
- B. HP-UX
- C. Windows 2000
- D. Novell NetWare

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 2**

Which two hot plug components are interchangeable between the MSA1500 cs and the MSA20? (Choose two.)

- A. fans
- B. SCSI module
- C. power supplies
- D. Fibre Channel I/O module

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 3**

How is the FCA2101 BIOS Utility entered to set up the host bus adapter (HBA) to perform a remote boot?

- A. F10 after the server is rebooted
- B. Alt+E after the server is rebooted
- C. SmartStart is booted from the CD.
- D. Array Diagnostic Utility is booted from the CD.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 4**

You are attaching MSA30 enclosures to an MSA1500 cs with all SCSI modules installed. On which bus and port should they be attached?

- A. bus 0 port A, bus 1 port A, bus 2 port A and bus 3 port A
- B. bus 0 port A, bus 1 port B, bus 2 port A and bus 3 port B
- C. bus 0 port B, bus 1 port A, bus 2 port B and bus 3 port A
- D. bus 0 port B, bus 1 port B, bus 2 port B and bus 3 port B

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 5**

A customer has a no single point of failure (NSPOF) Linux Cluster attached to an MSA1000 with redundant controllers. What is required to add an additional server running Windows to this configuration?

- A. External switches must be used.
- B. Secure Path for Windows must be installed.
- C. Linux is allowed to coexist with NetWare only.
- D. A single node Microsoft Cluster Service must be configured.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 6**

Which three additional components are needed for a non-redundant MSA1500 cs subsystem to be fully redundant? (Choose three.)

- A. Secure Path
- B. power supply
- C. MSA1000 controller
- D. 256 MB Cache Module
- E. Fibre Channel I/O Module

**Correct Answer:** ACE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 7**

The StorageWorks 2 Gb/s Small Form Factor Pluggable (SFP) Short Wave Transceivers support distances up to \_\_\_\_\_ using multimode fiber-optic cable.

- A. 100m at 2 Gb/s and 300m at 1 Gb/s
- B. 10 km at 2 Gb/s and 500m at 1 Gb/s
- C. 300m at 2 Gb/s and 500m at 1 Gb/s
- D. 500m at 2 Gb/s and 300m at 1 Gb/s

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 8**

What are three purposes of the EMU I/O port module in the MSA1000? (Choose three.)

- A. provides drive status indicators
- B. controls inter-controller internal communication
- C. monitors temperatures, power supplies and blowers
- D. provides expansion ports for external SCSI enclosures
- E. provides expansion ports for both SCSI and SATA enclosures

**Correct Answer:** ACD

**Section:** (none)

**Explanation****Explanation/Reference:****QUESTION 9**

Which two can be used to determine which model of the Emulex-based card (i.e., LP950 or LP9000) your system is using? (Choose two.)

- A. Light Pulse Utility
- B. Fibre Diagnostics Utility
- C. Windows Device Manager
- D. BIOS of the Emulex-based host bus adapter (HBA)

**Correct Answer:** AD

**Section:** (none)

**Explanation****Explanation/Reference:****QUESTION 10**

What is the correct cable to connect to the serial port in front of the MSA1500 cs?

- A. RJ-11
- B. RJ-45
- C. RJ-45F
- D. RJ-45Z

**Correct Answer:** D

**Section:** (none)

**Explanation****Explanation/Reference:****QUESTION 11**

Click the Task button. Place the steps for installing the MSA1000 in the correct order.

Place the steps for installing the MSA1000 in the correct order.

Order	Steps in Order
1	(place step one here)
2	(place step two here)
3	(place step three here)
4	(place step four here)
5	(place step five here)

**Steps**

power on external shelves to the MSA

using Fibre Channel cables, connect the servers to the MSA1000

boot the OS, insert support CD and begin installation

power on the server

power on the MSA controllers

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 12**

Which Windows-based utility should be used to determine current Emulex host bus adapter parameters?

- A. Light Pulse Utility
- B. Array Diagnostics Utility (ADU)
- C. Fibre Channel Diagnostics Utility
- D. MSA1000 Command Line Interface

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 13**

What are two characteristics of a Storage Virtual Replicator storage unit? (Choose two.)

- A. can be as large as 3 TB in size
- B. can be assigned to one storage pool at a time
- C. can be assigned to two storage pools at a time
- D. can be a logical device created using storage arrays
- E. can be a logical device created using a disk partition

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 14**

A Storage Virtual Replicator storage unit is \_\_\_\_\_.

- A. exactly one gigabyte in size
- B. a partition on a logical storage array
- C. the amount of storage set aside for backups
- D. available disk space allocated to a storage pool

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 15**

What is necessary for growing a basic disk using Storage Virtual Replicator?

- A. Space must be FAT formatted.
- B. There must be adjacent space on the disk.
- C. Unused space must be equal to used space.
- D. A new storage unit must be added to the basic disk.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 16**

A Storage Virtual Replicator snapshot is created from a \_\_\_\_\_.

- A. father disk
- B. parent disk
- C. master disk
- D. source data disk

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 17**

Which business value does the Storage Virtual Replicator snapshot provide?



- A. small virtual volumes
- B. continuous backup of data
- C. non-disruptive data backup
- D. automatic quiesce of an application

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 18**

You are using Storage Virtual Replicator. When is the size of a segment determined?

- A. when a virtual disk is created
- B. when a storage unit is created
- C. when a storage pool is created
- D. when physical disks are combined to form an array

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 19**

Which three does the EMU in the MSA1000 controller shelf monitor? (Choose three.)

- A. blowers
- B. drive errors
- C. power supplies
- D. controller errors
- E. drive shelf temperature

**Correct Answer:** ACE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 20**

Using the Command Line Interface, which command is used to add space to a specific LUN on an MSA1000?

- A. SET UNIT
- B. ADD UNIT
- C. EXTEND UNIT
- D. EXPAND UNIT

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 21**

Which three can be accessed from MSA SAN Switch 2/8 Web Tools? (Choose three.)

- A. LUN masking
- B. Telnet functions
- C. zoning configuration
- D. SAN topology graphical map
- E. port status and frame counts

**Correct Answer: BCE**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 22**

Which Windows 2000 utility is used to update the host bus adapter (HBA) firmware connected to the MSA1000?

- A. ACU
- B. LPUTILNT
- C. FAST!UTIL

D. MSAFLASH

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 23**

Which command displays the complete configuration of the MSA1000/1500 controller?

- A. SHOW ALL
- B. SHOW WWNS
- C. SHOW TECH\_SUPPORT
- D. SHOW THIS\_CONTROLLER

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 24**

What is the minimum number of drives required for RAID ADG?

- A. 2
- B. 3
- C. 4
- D. 5

**Correct Answer:** C

**Section:** (none)

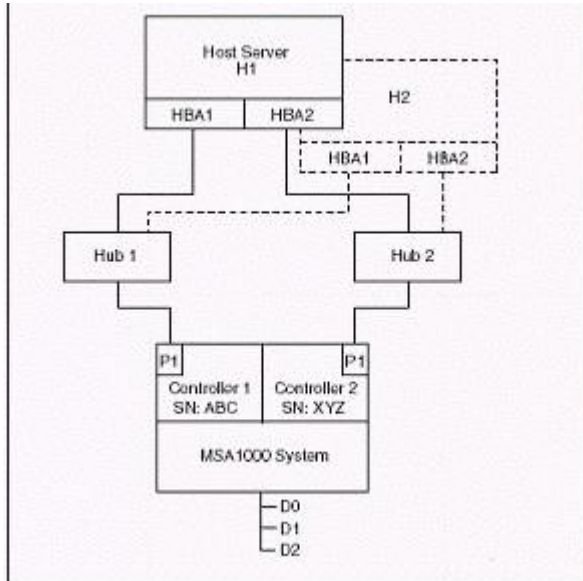
**Explanation**

**Explanation/Reference:**

#### **QUESTION 25**

Click the Exhibit button. A SAN configuration is shown in the exhibit. Host H1 can access Drives D0 and D1, but cannot access Drive D2 on the

MSA1000. What are two possible causes for this? (Choose two.)



- A. MSA1000 active controller failed.
- B. HBA drivers are installed incorrectly.
- C. SSP is enabled and H1 is not in the ACL for D2.
- D. Zoning is enabled and is preventing access to D2.

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 26

Which command can be used to obtain a full report from the MSA SAN Switch 2/8?

- A. Configshow
- B. Supportshow
- C. Show Support
- D. Show tech\_support

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 27**

A customer installs a Microsoft Windows 2003 cluster and a Tru64 UNIX cluster. They are connected to the same MSA1000 subsystem. When the customer fails over their Windows 2003 nodes, they lose access to the logical drives. Which statement is true?

- A. This configuration is only valid if external SAN switches are used.
- B. Two new zones must be created: one for Windows and one for Tru64.
- C. Connecting Windows and Tru64 to the same MSA1000 subsystem is an invalid configuration.
- D. For this configuration to be valid, the exact host bus adapters (HBAs) for both Windows and Tru64 servers are needed.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 28**

From which three sources can you obtain the Array Diagnostics Utility (ADU)? (Choose three.)

- A. HP website
- B. MSA Support CD
- C. HP Smart Start CD
- D. HP Management CD
- E. Secure Path Manager CD

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 29**

Which two can you use to find the EMU firmware revision number in the MSA1000 subsystem? (Choose two.)

- A. MSA1000 LCD
- B. MSAflash Utility
- C. Fibre Diagnostics Utility
- D. Array Configuration Utility (ACU)

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 30

A customer installed a Linux cluster and a NetWare cluster attached to a fully redundant MSA1000 subsystem using Secure Path. The customer tested Secure Path on the Linux cluster and found it does not fail over to the standby controller. Which two would cause this to happen? (Choose two.)

- A. Zoning is configured incorrectly.
- B. Secure Path is not installed correctly on the NetWare cluster.
- C. NetWare and Linux are connected to the same MSA1000 subsystem.
- D. The customer enabled Selective Storage Presentation (SSP) but did not specify appropriate host mode on Linux connections.

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 31

A customer installs two standalone Windows 2003 servers and connects them to an MSA1000 dual controller subsystem. Both servers can see three logical drives. When the customer tries to format one of the logical drives on the MSA1000, both controllers become disabled.

What is the cause of this problem?

- A. EMU has the incorrect firmware revision.
- B. The hard drives have the incorrect firmware revision.
- C. Selective Storage Presentation (SSP) was not set up.

D. Command Line Interface was used to set up the drives.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 32

What must be done when replacing an MSA1000 Fibre I/O Module while preserving data integrity?

- A. stop the Secure Path Agent
- B. stop all System Input/Output to the MSA subsystem
- C. reboot the switch connected to the Fibre I/O module
- D. remove the Fibre I/O Module and replace it without taking any additional steps

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 33

Which two cache replacement configurations are allowed? (Choose two.)

- A. matching the number and size of cache DIMMs on both controllers
- B. replacing two 128 MB DIMMs with one 256 MB DIMM on one controller
- C. replacing two 128 MB DIMMs with one 256 MB DIMM on both controllers
- D. replacing one 128 MB DIMM on one controller with 256 MB, while keeping the other controller at 128 MB

**Correct Answer:** AC

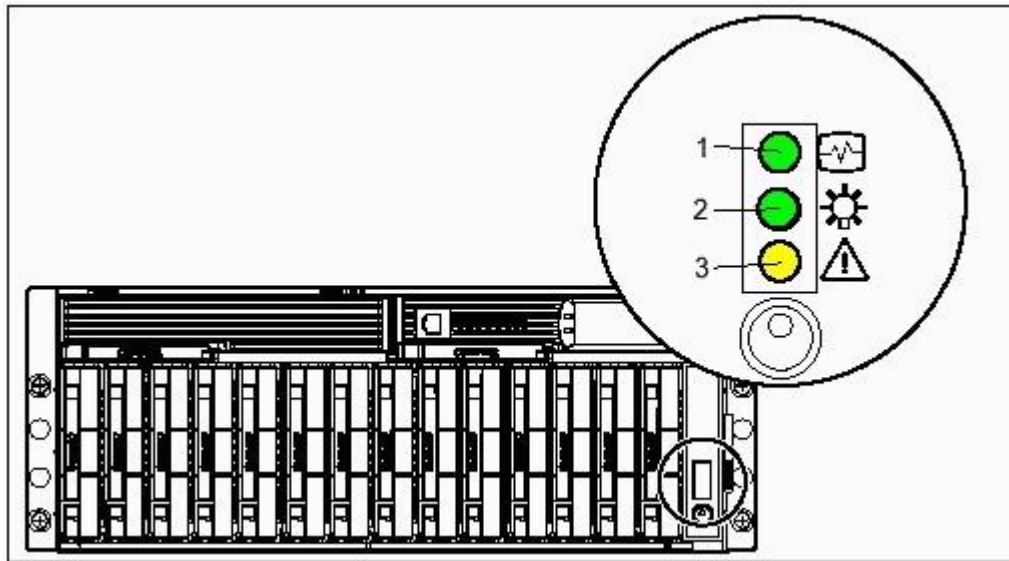
**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 34

Click the Exhibit button. What does blinking green on the enclosure status LED number 1 indicate?



- A. EMU is operating normally.
- B. MSA is operating at 1 Gb/s.
- C. MSA is operating at 2 Gb/s.
- D. EMU is NOT operating normally.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 35

A customer reports that all their drive lights are flashing on the MSA1000 subsystem. What causes all the lights to flash?

- A. ROM cloning is in progress.
- B. MSA Fabric switches are rebooting.
- C. MSA1000 controller is doing array expansion.
- D. Array Configuration Utility (ACU) is still active.



**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 36**

You are in the process of upgrading the firmware on a single controller single switch MSA1000. You go through the process of updating the firmware online using the MSAflash Utility. You upgrade the firmware version from 2.38 to 4.24. When you look at the MSA1000 LCD the firmware still shows version 2.38. What can be done to correct this?

- A. reboot the server
- B. reboot the MSA Switch 2/8
- C. select the Reset button in the MSAflash Utility
- D. reset the MSA1000 controller from the front panel

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 37**

Which two drive types does the MSA1500 support? (Choose two.)

- A. FATA drives
- B. SATA drives
- C. PATA drives
- D. hot plug tape drives
- E. Ultra320 disk drives

**Correct Answer:** BE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 38**

What are three features of the MSA1000 controller? (Choose three.)

- A. zoning
- B. path failover
- C. online spares
- D. capacity expansion
- E. selective storage presentation

**Correct Answer:** CDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 39**

You want to perform a DAS-to-SAN (DtS) migration by migrating four drives from a ProLiant server with a supported controller to an MSA1000. The four drives are hot-plugged into the MSA1000. What happens?

- A. Nothing happens. The MSA1000 must be restarted.
- B. The four physical drives are added to the MSA1000, but the data are lost.
- C. The logical volumes are successfully presented by the MSA1000 controller.
- D. The four physical drives are added but an error message is displayed asking you to restart the MSA1000.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 40**

Which drives does the MSA1000 subsystem support?

- A. FATA drives
- B. SATA drives
- C. hot plug tape drives
- D. Ultra320 disk drives

**Correct Answer:** D

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 41**

What is the path status of a path that is currently servicing or is capable of servicing I/O to a storageset?

- A. active
- B. alternate
- C. available
- D. preferred

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 42**

Which feature in Secure Path with auto-failback enabled prevents a storage unit "ping-pong" effect due to an intermittent path?

- A. failback filter
- B. ping pong filter
- C. anti-thrash filter
- D. auto-failback filter

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 43**

Click the Task button. Categorize the Secure Path and Secure Path Manager features.

Categorize the Secure Path and Secure Path Manager features by placing a category label next to each feature.

Category	Features
(place label here)	Antithrash Filtering
(place label here)	Path Verification
(place label here)	Manual Drive Relocation
(place label here)	Remote Notification

**Category Labels**

Secure Path

Secure Path Manager

Done

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### QUESTION 44

What is used to launch Secure Path Manager?

- A. http://localhost:2381
- B. http://localhost:7902
- C. StorageWorks Command Console client
- D. Secure Path Manager local program group

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 45**

In Secure Path Manager, the controller designations feature displays controller A and controller B in the GUI. What does Secure Path use to reference controller A and B?

- A. serial number
- B. physical location in the MSA1000
- C. controller with most LUNs attached
- D. The active controller is identified as controller A.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 46**

Which two operating systems require Secure Path for redundancy in a SAN with an MSA1500? (Choose two.)

- A. OpenVMS
- B. Tru64 UNIX
- C. Novell NetWare
- D. Windows Server 2003

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 47**

A customer has an MSA1000 SAN with two MSA SAN Switch 2/8s. The SAN consists of three MSA1000s and three servers. During the day, the customer wants to use zoning to allow only certain servers to see specific MSA1000 storage subsystems. At night, the customer wants to modify the

zones so the backup server can see all storage. How can this be accomplished?

- A. implement zone sets
- B. implement zone merge
- C. implement zone members
- D. implement zone configurations

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 48**

Which two statements about DAS-to-SAN (DtS) migration are true? (Choose two.)

- A. Migrated volumes can be in a degraded state when moved to the MSA1000.
- B. Drives migrated to the MSA1000 cannot be migrated back to the Smart Array controller.
- C. Migrated volumes must be in a good state and not degraded when moved to the MSA1000.
- D. Drive slot numbers must be maintained when migrating from a DAS environment to the MSA1000.

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 49**

What is needed to connect an Ultrium tape device to the SAN?

- A. OID
- B. NSR
- C. FCIP
- D. SCSI hub
- E. iSCSI bridge

**Correct Answer:** B

**Section:** (none)

**Explanation****Explanation/Reference:****QUESTION 50**

You migrate two fully populated external enclosures from a supported controller to an MSA1000 using the DAS-to-SAN (DtS) process. The external drives are configured with 20 volumes. The existing MSA1000 has 16 volumes configured. What happens?

- A. The DtS process is successful and the MSA1000 has 36 volumes attached.
- B. The DtS process is partially successful and the MSA1000 has up to 32 volumes attached.
- C. The DtS process fails. No volumes from the externally migrated enclosures are available.
- D. The DtS process is partially successful and the MSA1000 has up to 32 volumes attached: 20 volumes from the externally migrated storage and 12 from the existing volumes.

**Correct Answer:** B

**Section:** (none)

**Explanation****Explanation/Reference:****QUESTION 51**

Which drive shelf supports SATA hard disk drives with the MSA1500cs?

- A. MSA20
- B. MSA30
- C. MSA500
- D. StorageWorks4314
- E. StorageWorks4200

**Correct Answer:** A

**Section:** (none)

**Explanation****Explanation/Reference:****QUESTION 52**

What is the minimum number of drives supported in the MSA1000 with a single RAID5 virtual drive?

- A. 2
- B. 3
- C. 8
- D. 14

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 53

What is the purpose of the Network Storage Router (NSR) in an MSA1000 SAN configuration?

- A. bridges Ethernet to SCSI
- B. bridges Fibre Channel to SCSI
- C. bridges Ethernet to Fibre Channel
- D. bridges Fibre Channel to Fibre Channel

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 54

Which statement correctly describes DAS-to-SAN (DtS) migration?

- A. Drives and data can easily be migrated to a SAN in hours.
- B. Drives and data can easily be migrated to a SAN in minutes.
- C. Drives and data can easily be migrated from DAS to a SAN, or from a SAN to DAS in hours.
- D. Drives and data can easily be migrated from DAS to a SAN, or from a SAN to DAS in minutes.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**



**QUESTION 55**

Which two statements are true about Storage Virtual Replicator Snapshot Planner? (Choose two.)

- A. It tracks I/Os to virtual disks.
- B. It is useful on a server after you set up your pools.
- C. It tracks actual reads and writes of your existing drives.
- D. It helps you predict how much space your snapshots will use.

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 56**

Which business advantage does Storage Virtual Replicator offer?

- A. online volume growth
- B. dynamic disk utilization
- C. automatic defragmentation
- D. volume configurations across controllers

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 57**

Which two are automatically installed with Storage Virtual Replicator? (Choose two.)

- A. MIB
- B. CIM
- C. ACU
- D. SCE agent
- E. DHCP agent

F. SNMP agent

**Correct Answer:** AF

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 58**

With which two types of disks does the online growth feature of Storage Virtual Replicator work? (Choose two.)

- A. FAT disks
- B. basic disks
- C. virtual disks
- D. dynamic disks

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 59**

Which RAID level has the lowest write performance using MSA1000/1500 controllers?

- A. 1
- B. 1+0
- C. 5
- D. ADG

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 60**

Which MSA1000 component controls the different LED's on the disk drives?

- A. EMU
- B. disk drive
- C. power supply
- D. MSA1000 controller

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 61**

Which three functions does the MSA1500 Command Line Interface provide? (Choose three.)

- A. LUN Management Commands
- B. Server Connection Commands
- C. Array Configuration Commands
- D. BIOS Configuration Commands
- E. Switch Configuration Commands

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 62**

What are two functions of the OCP on the MSA1000? (Choose two.)

- A. configures devices
- B. displays error messages
- C. displays POST information
- D. sets WWID of the controller
- E. displays drive configuration information

**Correct Answer:** BC

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 63**

Which command displays the World Wide Names of each host bus adapter (HBA)?

- A. SHOW ALL
- B. SHOW THIS
- C. SHOW WWNS
- D. SHOW ADAPTER
- E. SHOW CONNECTIONS

**Correct Answer: E**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 64**

What are three purposes of the EMU I/O port module in the MSA1000? (Choose three.)

- A. provides drive status indicators
- B. controls inter-controller internal communication
- C. monitors temperatures, power supplies and blowers
- D. provides expansion ports for external SCSI enclosures
- E. provides expansion ports for both SCSI and SATA enclosures

**Correct Answer: ACD**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 65**

What information is provided by the status LED located on the SCSI I/O module on a MSA1500?

- A. activity on the bus
- B. Module power is off
- C. Module power is on
- D. Fibre Channel distance

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 66**

A customer wants to implement an MSA1500 cs solution with no single point of failure (NSPOF). The solution includes 1 MSA1500 cs, 2-Node Linux Cluster, 2-Node W2K Cluster. Which host bus adapters (HBAs) are needed to implement this solution?

- A. two FCA2404 and two FCA2214
- B. two FCA2404 and two FCA2210
- C. four FCA2404 and four FCA2110
- D. four FCA2404 and four FCA2214

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 67**

You are attaching MSA20 enclosures to an MSA1500cs with all SCSI modules installed. How should the SATA/SCSI ports be populated?

- A. start with port A and then alternate
- B. start with port B and then alternate
- C. populate all of port B's first, then populate all port A's
- D. populate all of port A's first, then populate all port B's

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:****QUESTION 68**

A customer is installing a Novell NetWare 6.0 server connected to an MSA1000 subsystem. When the customer attempts to load the driver CPQFC.ham for the single FCA2210 adapter, it will not load. What is the cause of this problem?

- A. FCA2210 is not supported by NetWare.
- B. Secure Path is not installed on the server.
- C. The native NetWare drivers for the adapter must be used.
- D. The correct host bus adapter (HBA) driver needs to be downloaded and installed.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:****QUESTION 69**

A customer installed one Fabric Switch 2/8 and two MSA1000 controllers in a single MSA cabinet. What is true about this installation?

- A. Secure Path needs to be installed.
- B. It is possible to failover one controller to the other.
- C. The two controllers must have the same amount of cache for this configuration to work.
- D. The controller can only communicate with the Fabric Switch 2/8 on its own side of the MSA1000 subsystem.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:****QUESTION 70**

What does the StorageWorks Secure Path Manager GUI allow you to do?

- A. set WWID on a controller
- B. disable a host bus adapter (HBA)

- C. move a unit from one controller to another
- D. enable simultaneous I/O on each host bus adapter (HBA)

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**