Microsoft HP0-803 Questions $ Answers

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Microsoft HP0-803 Questions $ Answers

Exam Name: Implementing MSA Storage Solutions

Certkiller

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
A customer wants to implement an MSA1000 solution with no single point of failure (NSPOF). The solution includes 1 MSA1000, 2-Node W2K Cluster, 2-Node NetWare Cluster.

Which host bus adapters (HBAs) are needed to implement this solution?

A. two FCA2404 and two FCA2210
B. two FCA2404 and two FCA2214
C. four FCA2404 and four FCA2210
D. four FCA2404 and four FCA2224

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
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 6

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 7
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 8
How many total device-side SCSI buses are there in the MSA1500 cs controller when attached to the MSA20 enclosures?

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

Correct Answer: D

Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
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 10
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 11
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 12
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 13
A customer sets up zoning on a SAN switch. All of the unused ports on the switch are not included in any zone. A new MSA1000 and a new server have just been added to the SAN on an unused port. Which statement is true about accessing the new MSA1000 on the SAN?

A. The new server and the new MSA1000 can communicate with each other, but not with anything else on the SAN.
B. Since the MSA1000 and the server are not part of a zone, they are automatically added to an existing zone on the SAN.
C. Since the new MSA1000 and the new server are not part of a zone, nothing on the SAN can communicate with the new MSA1000 and the new server.
D. Since the new MSA1000 and the new server are not part of a zone, everything on the new SAN can communicate with the new MSA1000 and the new server.

Correct Answer: C

Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
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 15
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 16
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 17
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 18
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 19
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 20
How do you change Storage Virtual Replicator policies?

A. edit the Windows Registry
B. use the command line interface
C. change the defaults through the MMC
D. edit the defaults using Replication Manager

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
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 22
What does Storage Virtual Replicator use to create a cluster resource?

A. a volume set

B. a disk on a local bus
C. a disk on a shared bus
D. a dynamic storage unit

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
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 24
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 25
How much usable drive space is there in a RAID ADG logical drive that has been created using six 146 GB drives using the Array Configuration Utility (ACU)?

A. 292 GB
B. 438 GB
C. 584 GB
D. 730 GB

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26
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 27
Using the MSA1000 Command Line Interface, which command is used to set up Selective Storage Presentation (SSP) for LUN 1 with connection ABC?

A. SET UNIT 1 ENABLE=ABC
B. SSP UNIT 1 ENABLE=ABC
C. ADD ACL CONNECTION=ABC UNIT=1
D. SET ACL CONNECTION=ABC UNIT=1

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
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 29
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 30
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 31
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 32
What is contained in the access control list for each logical drive on an MSA1000 when Selective Storage Presentation (SSP) is enabled?

A. configuration metadata for the logical drive
B. pointers of used data blocks on the logical drive
C. WWIDs of hosts that can access the logical drive
D. map of good logical block numbers on the logical drive

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33
What are three purposes of ACL in an MSA1000/1500 cs Command Line Interface? (Choose three.)

A. to associate connections to logical drives
B. to prevent ISLs from fabric reconfiguration
C. to allow spares to be associated with specific arrays
D. to allow access of logical drives to all connected servers
E. to disable access of logical drives to all connected servers
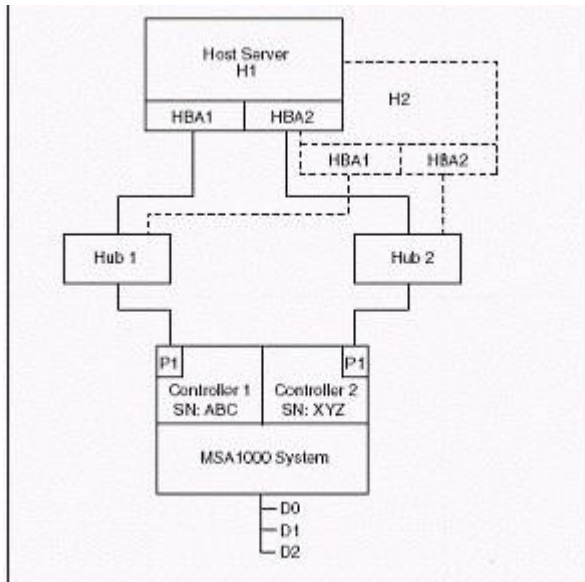
Correct Answer: ADE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34
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 35
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 36
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 37
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 38
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 39
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 40
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 41
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 42
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
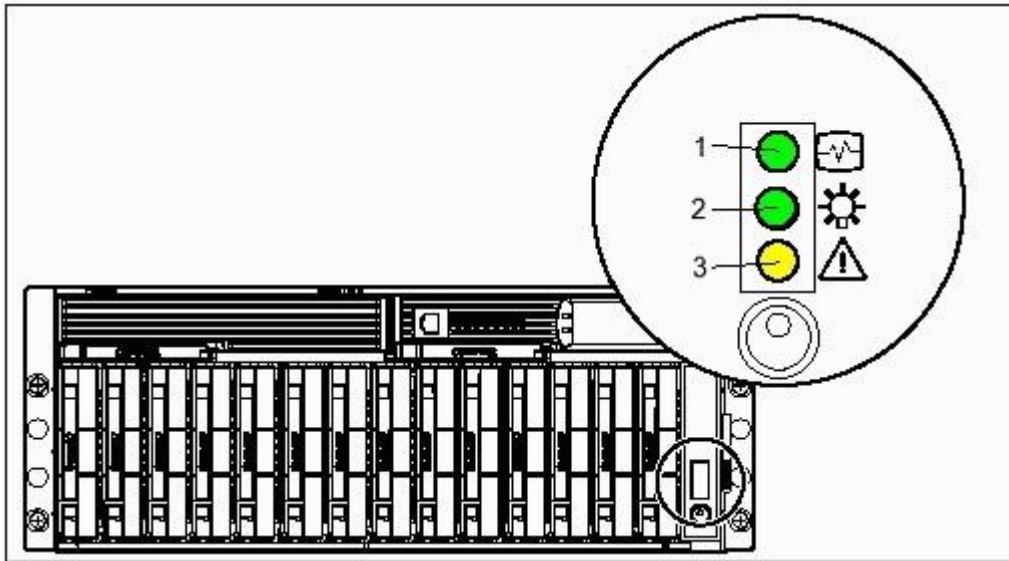
Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
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 44
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

QUESTION 45
You are in the process of upgrading the firmware on a single controller single switch MSA1000. You go though 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

QUESTION 46
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

QUESTION 47
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 48
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 49
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 50
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 51
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 52
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 Notfication

Category Labels

Secure Path	Secure Path Manager	Done

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53
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 54
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 55
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 56
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 57
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 58
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 59
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 60
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 61
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 62
On which architecture is the MSA1500 based?

A. VA
B. EVA
C. SA5300
D. RA8000

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 63
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 64
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 65
A customer wants to implement an MSA1000 solution. What are three supported inter-connect options? (Choose three.)

A. Hub 12
B. MSA Hub 2/3
C. FC-AL Switch
D. SAN Switch 2/8
E. HP SAN Switch Family

Correct Answer: BDE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 66
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 67
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 68
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 69
In Storage Virtual Replicator, what is grouped together to form segments?

A. frames
B. partitions
C. disk block numbers
D. logical block numbers

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 70
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 71
Storage Virtual Replicator provides which three wizards for scheduling virtual disk and snapshot tasks? (Choose three.)

A. delete snapshot
B. create snapshot
C. snapshot planner
D. restore from snapshot

Correct Answer: ABD
Section: (none)

Explanation

Explanation/Reference:

QUESTION 72
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 73
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 74
What does Selective Storage Presentation (SSP) allow hosts on the SAN to access?

A. switches on the SAN

B. logical drives on the MSA
C. physical drives on the MSA
D. MSA controllers on the SAN

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 75
Assuming Selective Storage Presentation (SSP) is enabled, which two settings can be modified using Array Configuration Utility (ACU)? (Choose two.)

A. Host Mode
B. Unit Offset
C. Adapter WWID
D. Connection Name

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 76
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 77
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 78
Which two utilities are used to monitor and manage the
MSA1000-supported Brocade switches? (Choose two.)

A. FTP
B. ACU
C. Telnet
D. Web-Based Tools
E. HP Systems Insight Manager

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 79
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 80
What is the MSA1000 CLI command to set up selective storage presentation on a LUN?

A. add acl

B. add ssp

C. add con

D. set unit

E. set globals

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 81
In the Command Line Interface, which two commands will display a list of commands? (Choose two.)

A. ?

B. HELP

C. SHOW COMMANDS

D. LIST COMMANDS

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 82
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 83
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 84
While a MSA1000 is already operating with controller A, a second controller, B, with newer firmware is hot-plugged. Which firmware is used?

A. the old firmware on controller A
B. the new firmware on controller B
C. Neither is used. The MSA1000 will not boot.
D. The MSA1000 will request firmware reinstallation for both controllers.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 85
Which two operating systems are supported in an MSA1000 SAN configuration with an FCA2214 host bus adapter (HBA)? (Choose two.)

A. Linux
B. HP-UX
C. Windows 2000
D. OpenVMS

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 86
What is the maximum number of physical drives supported with the MSA1500 cs using MSA20 enclosures?

A. 42
B. 56
C. 86
D. 96

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 87
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 88
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 89
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 90
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 91
A customer wants to use the MSA1000 to provide storage for three two-node clusters. Two clusters run Windows 2000 and the third cluster runs Novell NetWare 6.0. What is the minimum number of MSA1000 subsystems needed to implement this solution?

A. 1
B. 2
C. 3
D. 4

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 92
What is the maximum number of device-side SCSI buses supported by the MSA1500 cs controller when attached to the MSA30 enclosures?

A. 2
B. 4

C. 6

D. 8

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 93
What is the maximum number of logical drives supported with the MSA1500 cs?

A. 24

B. 32

C. 42

D. 72

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 94
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 95
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 96
On Monday, a new MSA1000 subsystem was installed in a SAN by a field engineer. The customer complained that the new MSA subsystem was running slow. The field engineer returned to the site Tuesday morning and found the new MSA1000 performance to be the same as the older MSA1000's in the SAN. Why would the newly installed MSA1000 run slowly?

A. Background diagnostics were running.
B. The array accelerator battery was not charged.
C. The RAID 1 arrays were performing initialization.
D. Array Configuration Utility (ACU) was still configuring the Raidsets.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 97
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)

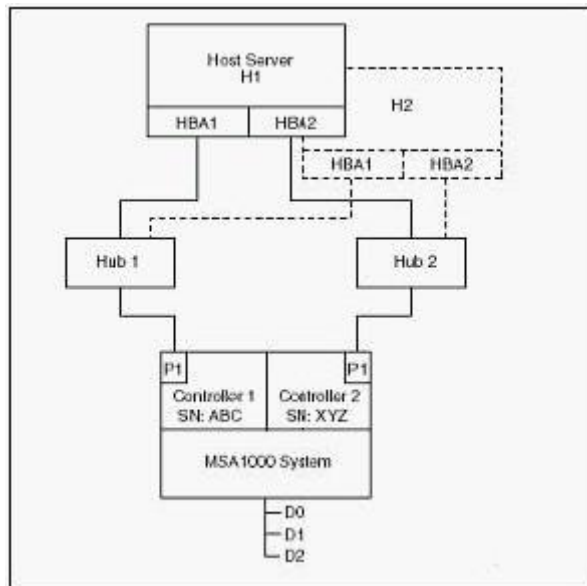**Correct Answer:** C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 98
Click the Exhibit button.

A redundant MSA1000 configuration is shown in the exhibit. Secure Path is not installed on the host and the active controller fails.

What happens to the drives that are presented to the host from the MSA1000?

A. The host loses access to the drives.
B. The drives are still accessible to the host.
C. The drives fail over to the surviving controller.
D. The host moves the drives to the surviving controller.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 99
A customer complains that his performance has declined while he is attempting to expand his array to 2TB. What would cause this performance issue?

A. The standby controller is broken.
B. Background parity initialization is in progress.
C. 2TB expansion is only supported with the MSA1500.
D. During capacity expansion, the cache accelerator was disabled.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 100
Which three are used to determine the firmware revision of the MSA1000 controllers? (Choose three.)

A. Survey Report
B. System Configuration Utility
C. Array Diagnostics Utility (ADU)
D. Array Configuration Utility (ACU)
E. Light Pulse Utility (LPUTILNT.exe)

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference: