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**Exam : HP0-J23**

**Title : Implementing MSA Storage  
Solutions**

**Version : Demo**

1. What is a Recovery Time Objective?

- A.maximum duration of data restore per system
- B.maximum acceptable time interval for business data unavailability
- C.maximum time frame for restoring data of all systems
- D.maximum time frame for data loss in case of failure

ANSWER: B

2. How many ports are available on an HP StorageWorks 4/32 SAN switch base system?

- A.12
- B.16
- C.20
- D.28

ANSWER: B

3. You are specifying a storage solution for your customer, but the customer has limited skills to configure the solution. The MSA2012fc has a new feature called Automatic Virtual Disk Creation which will help the customer configure the array.

What must you ensure when specifying the solution?

- A.Only one type of disk (SAS or SATA) is specified.
- B.Only SAS drives are specified.
- C.The solution is a dual controller solution.
- D.A minimum of two disk enclosures is connected.

ANSWER: A

4. Where is the MSA Storage Management Utility web server located?

- A.on each of MSA controller modules
- B.on the master MSA controller module
- C.on the SAN management server
- D.on any server connected to the SAN

ANSWER: A

5. Which physical or logical storage components can be managed using the HP StorageWorks MSA2000 Family Storage Management Utility? (Select three.)

- A.virtual disks

- B.disk groups
- C.replication groups
- D.pre-fetch cache
- E.master volumes
- F.drive modules

ANSWER: AEF

6. Click the Task button. Click on the area where a post configuration successful (green) message would appear.

Point and click.

Click on the area where a post configuration **successful** message would appear.

**MSA Storage Management Utility Status Message**

RAID Controller Status: GOOD: Single-controller mode.

**MSA Storage Virtual Disk Overview**

Virtual Disk	RAID Level	Capacity	Drives	Volumes
"vd-r6"	6	73.51 GBytes	4 Drive(s)	2 Volume(s)
"r0test"	0	146.78 GBytes	2 Drive(s)	1 Volume(s)
"test"	5	146.78 GBytes	3 Drive(s)	16 Volume(s)

**MSA Storage Hardware Status**

- RAID Controller B
- Enclosure(s)

**MSA Storage System Panel**

System Name: Uninitialized Name  
System Location: Uninitialized Location

Controller	Node	WWN	IP Address
Virtual Disks OK	A	20700000ff242401	0.0.0.0
Hardware Warning	B	20780000ff242401	10.134.3.11

Done

Answer:



7. What are key features of the MSA2012i? (Select three.)

- A.support for up to 64 hosts
- B.controller-based replication capability
- C.support for up to 16 servers
- D.snapshot and clone capability
- E.automated active/passive failover
- F.hardware active/active failover

ANSWER: CDF

8.How does the Storage Management Utility distinguish users while they are connected to an MSA2000 Family Modular Smart Array controller?

- A.by name of the connected user
- B.by IP address of the connected client
- C.by WWN of the management host
- D.by certificate issued by the Storage Management Utility

ANSWER: B

9. How many volume copies and snapshots are supported when using an MSA2012i storage array?

- A.64 volume copies and 64 snapshots
- B.64 volume copies and 128 snapshots
- C.128 volume copies and 64 snapshots
- D.128 volume copies and 128 snapshots

ANSWER: C

10. Which disk drive technology is best suited to sequential-access data and secondary storage applications within an MSA2000 Family array system?

- A.SCSI
- B.SAS
- C.FATA
- D.SATA
- E.FC SCSI

ANSWER: D

11. What is the maximum number of hosts that can be connected to an MSA2012fc?

- A.16
- B.32
- C.64
- D.128

ANSWER: C

12. Which data backup features are introduced as part of a SAN? (Select three.)

- A.reduction of congestion
- B.elimination of single point of failure
- C.elimination of database downtime for backup
- D.efficient utilization of storage resources
- E.reduction of power outage risk in the storage network
- F.improvements of backup window

ANSWER: BCE

13. Which technologies are used to transmit data over IP networks? (Select two.)

- A.FC-over-ATM
- B.iSCSI
- C.FC-IP
- D.ESCON
- E.FICON

ANSWER: AE

14. Your customer wants to share data among many servers in their LAN.

Which storage solution is most suitable for this customer?

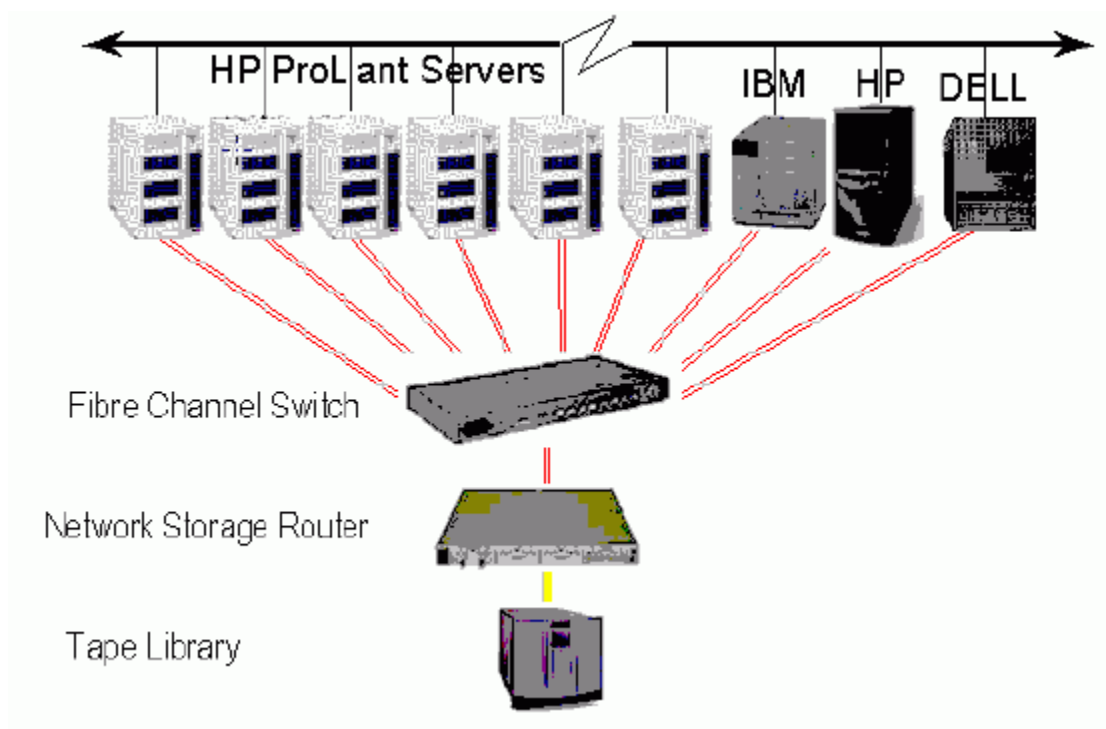
- A. Network Attached Storage
- B. Internet SCSI
- C. Storage Area Network
- D. Fibre Channel over IP

ANSWER: A

15. Click the Exhibit button.

Which function does a Network Storage Router (NSR) provide?

- A. backup accelerator for 2Gb SANs
- B. two-stage backup capabilities for SAN environments
- C. Fibre Channel-to-SCSI bridge
- D. data encryption to the tape device



ANSWER: C

16. Which action is performed by MultiPath I/O if the Device Specific Module (DSM) returns an inactive path to the system?

- A. The automatic load balancing policy is disabled.
- B. Load balancing policy is reduced by this path.
- C. A path failover is initiated.
- D. The inactive path is verified again.

ty

ANSWER: C

17. What are benefits of storage consolidation to a customer? (Select two.)

- A. regular, mandatory maintenance hours
- B. more efficient storage growth

- C.higher availability through decentralized storage pools
- D.better disk capacity utilization than DAS
- E.eliminates the need for a backup

ANSWER: CE

18. Which component enables access to block storage on a Fibre Channel SAN across an Ethernet network?

- A.Fibre Channel Switch
- B.Ethernet Switch
- C.iSCSI to Fibre Channel bridge
- D.FC-IP gateway connector

ANSWER: C

19. What are high availability features of a SAN? (Select two.)

- A.online storage migration
- B.backup multiplexing
- C.dynamic failover protection
- D.LAN-free backup
- E.storage server clustering

ANSWER: CE

20. What is the Recovery Point Objective?

- A.the amount of data that must be recovered
- B.the amount of time the restoration takes for all data
- C.the amount of data you can afford to lose
- D.the amount of time you can afford to be without the data

ANSWER: C