



**Exam** : **HP HP0-J23**

**Title** : Implementing MSA Storage  
Solutions

**Update** : 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.

The screenshot shows the HP MSA Storage Management Utility interface. The sidebar on the left contains the HP logo, 'invent', and navigation buttons for MONITOR, STATUS, STATISTICS, and MANAGE. The main content area is divided into several sections:

- MSA Storage Management Utility Status Message:** RAID Controller Status: GOOD: Single-controller mode.
- MSA Storage Virtual Disk Overview:** Displays three virtual disks:
  - "vd-r6":** RAID Level: 6, 73.51 GBytes, 4 Drive(s), 2 Volume(s)
  - "r0test":** RAID Level: 0, 146.78 GBytes, 2 Drive(s), 1 Volume(s)
  - "test":** RAID Level: 5, 146.78 GBytes, 3 Drive(s), 16 Volume(s)
- MSA Storage Hardware Status:** Shows RAID Controller B (green) and Enclosure(s) (red).
- MSA Storage System Panel:** Shows System Name: Uninitialized Name, System Location: Uninitialized Location, and a table with Controller, Node, WWN, and IP Address columns. The table shows two controllers, A and B, with WWN 207000c0ff242401 and IP addresses 0.0.0.0 and 10.134.3.11 respectively. A 'Hardware Warning' is indicated by a red icon.

A 'Done' button is located at the bottom center of the interface.

Answer:

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 Name	RAID Level	Capacity	Drives	Volumes
"vd-r6"	6	79.51 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** EVENT LOG

System Name: Uninitialized Name  
System Location: Uninitialized Location

Controller	Node	WWN	IP Address
Virtual Disks OK	A	207000c0ff242401	0.0.0.0
<b>Hardware Warning</b>	B	207800c0ff242401	10.134.3.11 ←

Done

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



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