

# HP

## Exam HP0-J22

### Designing HP StorageWorks Solutions

Version: 5.1

[ Total Questions: 188 ]

**Topic 0, A**

A

**Question No : 1 - (Topic 0)**

A customer is concerned about growth of the company's HP Data Protector Software database. Which tool will address this concern?

- A. HP StorageWorks sizing tool
- B. HP Data Protector database sizer
- C. Database Configuration Worksheet
- D. Capacity Planning Spreadsheet

**Answer: D****Question No : 2 - (Topic 0)**

What is the term for a configuration where failure of a single component does not cause failure of the entire system?

- A. hot-swappable
- B. NSPOF
- C. high availability
- D. SFP

**Answer: B****Question No : 3 - (Topic 0)**

You are proposing an HP Storage Essentials SRM Enterprise Edition solution for a customer environment using only Oracle databases. You have decided to design a single server deployment. What is another term for this configuration?

- A. shared
- B. dedicated
- C. mixed
- D. isolated

**Answer: A**

**Question No : 4 - (Topic 0)**

Which HP Storage Essentials SRM plug-ins are available for the Enterprise Edition, but not for Standard Edition? (Select three.)

- A. Report Designer
- B. Backup Manager
- C. Provisioning Manager
- D. NAS Manager
- E. Database Viewer
- F. Chargeback Manager

**Answer: A,C,F**

**Question No : 5 - (Topic 0)**

Which statement is correct about Remote Web Console?

- A. It can manage all XP firmware based software.
- B. It can provide centralized management of multiple XP arrays.
- C. Licensing is tier based on a per TB basis.
- D. It provides SAN level management.

**Answer: A**

**Question No : 6 - (Topic 0)**

When must a customer use HP StorageWorks Command View XP Advanced Edition over Remote Web Console XP?

- A. for CLI based array management
- B. for centralized management of multiple XP arrays
- C. for Business Copy XP management
- D. for simple LUN management

**Answer: B**

**Question No : 7 - (Topic 0)**

You are designing a backup solution for an Enterprise customer. Which ratio between host feed speed and tape write speed is required for optimal performance in compressed mode?

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

**Answer: C**

**Question No : 8 - (Topic 0)**

Which HP document provides current configuration rules for HP storage connectivity in a SAN environment?

- A. San Visibility Tool
- B. SAN Design Reference Guide
- C. EBS Compatibility Matrix
- D. Quick Specs

**Answer: B**

**Question No : 9 - (Topic 0)**

Which VLS6000 feature allows data movement to a physical library or another virtual library system?

- A. Automigration
- B. Virtual Tape Device Mirroring
- C. Virtual Cartridge Copy
- D. Deduplication

**Answer: A**

**Question No : 10 DRAG DROP - (Topic 0)**

Click the Task button. Match the HP Network Attached Storage products with the appropriate customer environment and target market.

## HP HP0-J22 : Practice Test

Match the HP Network Attached Storage products with the appropriate customer environment and target market.

Customer Environment	HP NAS Solution	Target Market
Environment over 1000 Users	place here	place here
Environment between 200-100+ Users	place here	place here
Environment up to 200 Users	place here	place here

  

NAS solutions to select:	Target markets to select:
ProLiant Storage Servers	Mid-Market
All-in-One Storage	Enterprise Market
Polyserve Solutions	SMB market

### Answer:

Match the HP Network Attached Storage products with the appropriate customer environment and target market.

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NAS solutions to select:	Target markets to select:
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All-in-One Storage	Enterprise Market
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### Question No : 11 - (Topic 0)

A customer has a heterogeneous environment consisting of AIX and Solaris servers with HP StorageWorks disk arrays. Which software products can be used to implement an extended application failover solution? (Select two.)

- A. ServiceGuard
- B. Continuous Access XP
- C. LUN Security XP Extension

- D. Metro Cluster
- E. Cluster Extension XP

**Answer: B,E**

**Question No : 12 - (Topic 0)**

An additional spare disk is recommended for which RAID level in an HP StorageWorks XP Disk Array?

- A. 2D + 2D
- B. 3D + 3P
- C. 4D + 4D
- D. 7D + 1P

**Answer: D**

**Question No : 13 - (Topic 0)**

Which administration, configuration, and management tool is used with the HP MSA2000 Storage Array?

- A. MSA Insight Configurator
- B. Command View MSA
- C. Storage Management Utility
- D. Array Configuration Utility

**Answer: C**

**Question No : 14 - (Topic 0)**

Which statement is correct regarding an All-in-One SB600c used for file services (CIFS and NFS)?

- A. The All-in-One SB600c is an appliance and can only host data for databases.
- B. The All-in-One SB600c can only host data for customer-developed applications if the iSCSI target functionality is used.
- C. The All-in-One SB600c requires two dual-core CPUs to provide CIFS and NAS at the same time.

D. The All-in-One SB600c is designed to support multiprotocol file services.

**Answer: D**

**Question No : 15 - (Topic 0)**

What is required to allow an HP StorageWorks Enterprise Virtual Array to become a unified block and file storage solution, serving both block and file data concurrently with high availability and scalable performance?

- A. EVA File Services
- B. EVA iSCSI Connectivity Option
- C. VLS EVA Gateway
- D. Multi-Protocol EVA Gateway

**Answer: A**

**Question No : 16 - (Topic 0)**

Click the Exhibit button. What is the maximum number of EVA LUNs that can be presented to an HBA target with multi-path I/O (MPIO) in an AIX environment?

**Table 119 EVA single-server maximum configurations**

Storage systems	Operating systems <sup>1, 2</sup>	EVA storage systems per HBA <sup>3</sup>	LUNs per HBA target <sup>3, 4</sup>
EVA3000/5000 EVA4000/4100 EVA6000/6100 EVA8000/8100	Tru64 UNIX	64	255
	IBM AIX	16	255
	NAS EFS Clustered Gateway - Linux Edition SUSE SLES 9	8	255
	NAS EFS Clustered Gateway - Windows Edition Windows Storage Server 2003	8	64
	Novell NetWare	16	128
	VMware ESX 3.x	See calculation below <sup>5</sup>	255 (per server) <sup>5</sup>
	VMware ESX 2.5.x	See calculation below <sup>5</sup>	128 (per server) <sup>5</sup>
EVA3000/5000 EVA4000/4100/4400 EVA5000 EVA6000/6100 EVA8000/8100	HP-UX	32	255
	Linux (2.6 kernel)	16	255
	Linux (2.4 kernel)	16	128
	OpenVMS	32	255
	Sun Solaris	16	255
	Windows 2000 Windows 2003 Windows 2008	16	255 (per server)

<sup>1</sup>For the supported operating system versions, see "Heterogeneous server rules" on page 141.

<sup>2</sup>The maximum number of HBAs supported per server depends on the server model. See the server documentation. For Tru64 UNIX, the maximum is 64 HBAs per server when using 5.1a (or earlier), 255 HBAs per server when using 5.1b (or later).

<sup>3</sup>Multipath software may impose additional restrictions.

- Windows MPIO supports up to 32 paths per LUN.
- Secure Path for AIX supports up to 32 LUNs per HBA.

<sup>4</sup>The maximum number of configurable LUNs per HBA target may be less based on performance requirements.

<sup>5</sup>VMware maximums are per VMware server, regardless of the number of guest operating systems. To calculate the # of LUNs per server, use the following equations:

- ESX 3.x: Total # of LUNs \* # paths per LUN = 255
- ESX 2.5.x: Total # of LUNs \* # paths per LUN = 128

- A. 32
- B. 64
- C. 127
- D. 255

**Answer: D**

### Question No : 17 - (Topic 0)

You are designing an upgrade of an existing HP Data Protector Software environment. Which Data Protector command line utility can you use to collect system and Data Protector configuration data for this environment?

- A. omnienv
- B. omnicc -info
- C. get\_info
- D. capture configuration

**Answer: C**



**Question No : 18 - (Topic 0)**

Which software solution is used to provision storage on the EVA4400?

- A. Virtual Storage Provisioner
- B. Dynamic Capacity Management
- C. Virtual Replication Manager
- D. Storage Presentation Manager

**Answer: B**

**Question No : 19 - (Topic 0)**

Which management communication type uses the same communications channel as the operational data?

- A. private
- B. in-band
- C. out-of-band
- D. serial

**Answer: B**

**Question No : 20 - (Topic 0)**

Which factor most affects data recovery performance?

- A. disk write speed
- B. data interleaving during backup
- C. data compression ratio
- D. fragmented disks

**Answer: B**

**Question No : 21 - (Topic 0)**

What is the maximum number of disk drives supported on an EVA4400?

- A. 56

- B. 96
- C. 112
- D. 240

**Answer: B**

**Question No : 22 - (Topic 0)**

Which tool can be used to evaluate disk subsystem write performance?

- A. EVA Util
- B. Library & Tape Tools
- C. DILX
- D. ACU

**Answer: B**

**Question No : 23 DRAG DROP - (Topic 0)**

Click the Task button.

You are designing a backup solution and the customer is concerned about time to backup.

Match the MB/s to GB/hr conversion formulas used to calculate backup throughput.

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