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## Q&A

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**Exam** : **HP0-J22**

**Title** : Designing HP StorageWorks  
Solutions

**Version** : Demo

1.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

2.Click the Task button. Match the HP Network Attached Storage products with the appropriate customer environment and target market. Answer & Explanation Correct Answer Explanations No more information available

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:

3.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

4.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

5.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

6.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

7.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

8.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 5.1 a (or earlier), 255 HBAs per server when using 5.1 b (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

9.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

10.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