

# HP

## Exam HP0-D13

### Technical Introduction to the HP Enterprise Portfolio

Version: 8.3

[ Total Questions: 144 ]

**Topic 1, Volume A****Question No : 1 - (Topic 1)**

What is a common characteristic of an enterprise environment that needs improved backup and restore efficiency?

- A. slow system performance during backups
- B. slowly growing volumes of data
- C. a SCSI attached storage architecture
- D. 2TB to 5TB of storage per server

**Answer: A**

**Question No : 2 - (Topic 1)**

The HP enterprise server strategy is based on industry-standard processors. Which additional design element does this strategy use to add value?

- A. in-box upgrades
- B. manageability
- C. active archiving
- D. fault tolerance

**Answer: B**

**Question No : 3 - (Topic 1)**

You are acting as a consultant to an enterprise customer. With which corporate representative should you discuss IT/business alignment goals?

- A. procurement manager
- B. board chairman
- C. chief operations officer
- D. chief executive officer

**Answer: C**

**Question No : 4 - (Topic 1)**

Which drive technology is commonly used to store structured data?

- A. SAS
- B. PATA
- C. SATA
- D. IDE

**Answer: A**

**Question No : 5 - (Topic 1)**

What is the HP Integrated Archive Platform?

- A. an intelligent workflow and business process management solution
- B. a policy-based data management system that facilitates backups on high numbers of servers
- C. a solution for collecting, storing, managing, and searching unstructured data
- D. an integrated solution that enables data analysis and optimization

**Answer: B**

Reference: [http://www.comport.com/pdf/hp\\_iap\\_datasheet.pdf](http://www.comport.com/pdf/hp_iap_datasheet.pdf) (page 1, product overview)

**Question No : 6 - (Topic 1)**

A customer uses a traditional rack-and-stack strategy in its data center, which results in wasted time and space. How does CloudSystem Matrix provide an ideal solution for this customer?

- A. by implementing multiple single-purpose servers in one chassis
- B. by speeding the provisioning of infrastructure and applications
- C. by eliminating the possibility of oversubscribed traffic

D. by allowing for a custom cable configuration

**Answer: B**

**Question No : 7 - (Topic 1)**

What does FlexFabric deliver as a benefit to customers?

- A. networking as a service
- B. software as a service
- C. platform as a service
- D. infrastructure as a service

**Answer: A**

Reference:

[http://www.hp.com/hpinfo/newsroom/press\\_kits/2009/thrive09/Technology\\_Layer.pdf](http://www.hp.com/hpinfo/newsroom/press_kits/2009/thrive09/Technology_Layer.pdf) (page 1, 4th paragraph, last sentence)

**Question No : 8 - (Topic 1)**

What is one example of how a Converged Infrastructure addresses an increasingly complex environment?

- A. A low-latency, high-bandwidth interconnect allows each application workload to be distributed and shared across all system resources in a massively parallel manner
- B. SAN and networking signals can be carried across common electrical pathways, resulting in fewer physical switches to move the signals to their destinations
- C. Customers want to move from "one-of-everything" to "one open common IT infrastructure that does everything."
- D. In a standard configuration for cables at the enclosure level. 16 1U rack servers, which would ordinarily require 80 cables, might require as few as six cables.

**Answer: C**

Reference: [http://nl.atos.net/NR/rdonlyres/CDD7E1EB-0C24-4206-A8C7-](http://nl.atos.net/NR/rdonlyres/CDD7E1EB-0C24-4206-A8C7-126340820723/0/ConvergedInfrastructureProfessionalService_ServiceSheet_lowres.pdf)

[126340820723/0/ConvergedInfrastructureProfessionalService\\_ServiceSheet\\_lowres.pdf](http://nl.atos.net/NR/rdonlyres/CDD7E1EB-0C24-4206-A8C7-126340820723/0/ConvergedInfrastructureProfessionalService_ServiceSheet_lowres.pdf) (page1, first paragraph on the left)

**Question No : 9 - (Topic 1)**

Which advantages does HP CloudSystem Matrix offer in the area of infrastructure convergence? (Select two.)

- A. Clustering
- B. Comprehensive domain management
- C. disaster recovery
- D. Central Management Server fault tolerance
- E. Common power and cooling

**Answer: B,E**

**Question No : 10 - (Topic 1)**

A customer is leasing shared network services in a private cloud to meet business goals. What potential problem could this customer face?

- A. insufficient management tools
- B. internal-external service integration
- C. cost of hardware investment
- D. vendor lock-in

**Answer: A**

**Question No : 11 - (Topic 1)**

You are dividing a group of physical servers into multiple isolated virtual environments in order to reduce the impact of application upgrades in the environment. How should you configure the servers to simplify management?

- A. as reusable pools of resources
- B. as clustered server nodes
- C. as a host/guest configuration, with each guest running on a virtual imitation of the hardware layer
- D. as multiple virtual servers running multiple operating systems

**Answer: A**

**Question No : 12 - (Topic 1)**

When do enterprise-level companies often choose server consolidation?

- A. when they have a low ratio of administrators to servers
- B. when they are running more than three operating systems
- C. when reducing costs, because it is more economical for capacity planning than buying new servers
- D. when they want to better manage the server inventory list

**Answer: C**

**Question No : 13 - (Topic 1)**

What is the current HP recommendation for power, to handle data center cooling requirements?

- A. two single-phase circuits per rack
- B. three three-phase circuits per rack
- C. one three-phase circuit per rack
- D. one single-phase circuit per rack

**Answer: A**

**Question No : 14 - (Topic 1)**

What is fault tolerance?

- A. the ability to prevent hardware and software failures
- B. the ability to provide "five nines" availability
- C. the ability to detect the failure of a primary system and failover to a redundant system
- D. the ability to recover quickly from system problems

**Answer: C**

Reference: <http://www.cs.rutgers.edu/~pxk/rutgers/notes/content/ft.html> (achieving fault

tolerance)

**Question No : 15 - (Topic 1)**

Which type of HP partition provides complete hardware and software isolation?

- A. hard partitions (nPars) with multiple nodes
- B. virtual partitions (vPars)
- C. hard partitions (nPars) within a single node
- D. resource partitions

**Answer: C**

Reference: <http://h20195.www2.hp.com/v2/GetPDF.aspx/4AA3-3342ENW.pdf> (page 11)

**Question No : 16 - (Topic 1)**

Which feature is specific to HP ProLiant high-end servers?

- A. eight sockets
- B. hot-swappable drives
- C. iLO 3
- D. Xeon processors

**Answer: A**

**Question No : 17 - (Topic 1)**

Which statement is true about HP-UX Workload Manager (WLM) and HP Global Workload Manager (gWLM)?

- A. HP gWLM is designed for customers with remote nodes in a Continental Cluster. WLM is designed for new installations where automatic system discovery is required

- B.** HP gWLM provides decentralized management of virtualization functions across multiple servers, WLM provides centralized management of virtualization functions across individual servers
- C.** HP gWLM is the version of WLM sold both to international customers and to U.S. customers with branch offices abroad.
- D.** HP gWLM supports larger solutions running multiple operating systems. WLM supports smaller solutions running a single type of operating system.

**Answer: D**

**Question No : 18 - (Topic 1)**

A customer purchases a single TiCAP license with two processor cores activated, how long will they both stay active?

- A.** 10 days
- B.** 15 days
- C.** 30 days
- D.** 45 days

**Answer: B**

Reference: [http://h18000.www1.hp.com/products/quickspecs/11723\\_div/11723\\_div.html](http://h18000.www1.hp.com/products/quickspecs/11723_div/11723_div.html)  
(Instant Access Capacity, second paragraph)

**Question No : 19 - (Topic 1)**

Which edition of Windows Server provides clustering and hot-add processor capabilities to improve server uptime?

- A.** Windows HPC Server 2008 R2
- B.** Windows Server 2008 R2 Standard
- C.** Windows Server 2008 R2 Enterprise
- D.** Windows Small Business Server 2011 Essentials

**Answer: C**

Reference: [http://www.nec-itplatform.com/IMG/pdf/white\\_paper.pdf](http://www.nec-itplatform.com/IMG/pdf/white_paper.pdf) (page 4)



**Question No : 20 - (Topic 1)**

How do Integrity Virtual Machines (VMs) differ from vPars?

- A. vPars employ the Platform Manager, which is responsible for maintaining all resource queues, schedules, and allocations
- B. VMs use dedicated resources that are exclusively under the control of one kernel
- C. vPars are best for fine-grained, virtualized soft partitioning with shared resources.
- D. VMs share resources among kernels known as "guests"

**Answer: D**

Reference: [http://h18004.www1.hp.com/products/quickspecs/12715\\_div/12715\\_div.HTML](http://h18004.www1.hp.com/products/quickspecs/12715_div/12715_div.HTML)  
(4th paragraph)

**Question No : 21 - (Topic 1)**

Which ProLiant server ships in a tower form factor?

- A. ML350 G6
- B. SL 160z G6
- C. BL 465c G7
- D. DL 120 G7

**Answer: A**

Reference: [http://h18004.www1.hp.com/products/quickspecs/13241\\_na/13241\\_na.HTML](http://h18004.www1.hp.com/products/quickspecs/13241_na/13241_na.HTML)  
(first paragraph, page 1)

**Question No : 22 - (Topic 1)**

Which BladeSystem server has four sockets and up to seven available expansion mezzanine slots?

- A. BL280c G6
- B. BL460c G7
- C. BL680c G7
- D. BL860c i2

**Answer: C**

Reference: <http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA3-4212ENW.pdf>

**Question No : 23 - (Topic 1)**

What are Integrity virtual partitions designed to do?

- A. divide soft partitions into separate pools
- B. provide isolation of cell boards through partitioning and virtualization technology
- C. allocate a complete resource to a specific application
- D. isolate application environments from single points of operating system failure

**Answer: B**

Reference: [http://www.martyp.net/HP\\_servers.html](http://www.martyp.net/HP_servers.html) (Hot HP-UX topics)

**Question No : 24 - (Topic 1)**

Which Integrity server supports at least eight sockets?

- A. BL860c i2
- B. BL870c
- C. BL870c i2
- D. BL890c i2

**Answer: D**

Reference: <http://h20195.www2.hp.com/v2/GetPDF.aspx/4AA1-1131ENW.pdf> (page 2)