HP

Exam HP0-D04

Planning and Designing HP Enterprise Solutions

Version: 5.0

[Total Questions: 146]

Topic 0, A

A

Question No : 1 - (Topic 0)

A customer environment includes Windows servers and HP EVA storage solutions. The customer wants to replicate the data from one business application to another site, and is looking for the lowest-cost option. Which HP StorageWorks product should you recommend?

A. Storage Mirroring software
B. Replication Solution Manager
C. Business Copy EVA
D. Continuous Access EVA

Answer: A

Question No : 2 - (Topic 0)

Which HP tool contains an intelligent policy engine that automatically allocates resources among multiple workloads in an HP-UX and OpenVMS environment?

A. HP Process Resource Manager
B. HP Systems Insight Manager
C. HP Global Workload Manager
D. HP-UX Workload Manager

Answer: C

Question No : 3 - (Topic 0)

Which HP technology allows busy servers to "borrow" power usage rights from idle servers?

A. Insight Power Manager
B. Power Regulator
C. Dynamic Power Capping
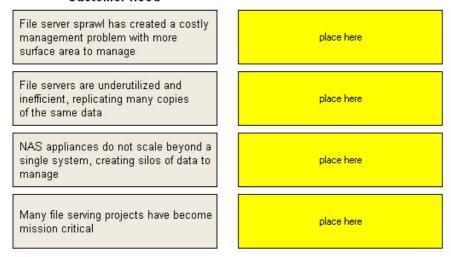**D.** Rack and Power Manager

Answer: C

Question No : 4 DRAG DROP - (Topic 0)

Click the Task button.

Match the customer need to the HP solution provided by the EFS Clustered Gateway.

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Customer need

File server sprawl has created a costly management problem with more surface area to manage	place here
File servers are underutilized and inefficient, replicating many copies of the same data	place here
NAS appliances do not scale beyond a single system, creating silos of data to manage	place here
Many file serving projects have become mission critical	place here

HP Solution

| Integrate high availability and data protection, with built-in failover and snapshots integrated with HP EVA | Optimize server/storage utilization by adding capacity as needed, without downtime, through easy tools |
| Consolidate servers and storage by at least 50% to a single point of management and single backup job | Scale performance by adding servers and storage to the cluster, in granular units |

Done

Answer:

Match the customer need to the HP solution provided by the EFS Clustered Gateway.

Customer need

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Many file serving projects have become mission critical	Integrate high availability and data protection, with built-in failover and snapshots integrated with HP EVA

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Done

Question No : 5 - (Topic 0)

Which operating systems are supported by HP Virtual Server Environment to run as a virtual machine guest on Integrity servers? (Select three.)

A. OpenVMS
B. HP-UX
C. NonStop Kernel
D. Netware
E. Linux
F. Windows

Answer: B,E,F
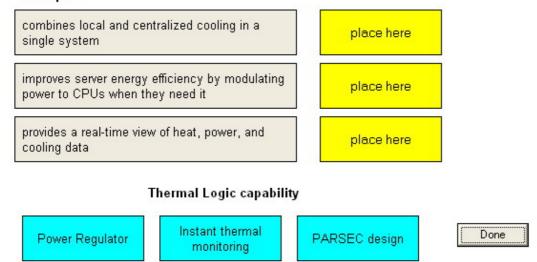

Question No : 6 DRAG DROP - (Topic 0)

Click the Task button.

Match the HP Thermal Logic capability with its description.

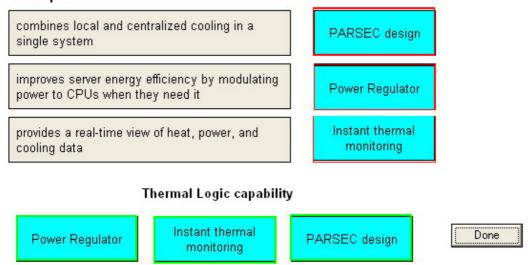**Match the HP Thermal Logic capability with its description.**

Description

combines local and centralized cooling in a single system	place here
improves server energy efficiency by modulating power to CPUs when they need it	place here
provides a real-time view of heat, power, and cooling data	place here

Thermal Logic capability

| Power Regulator | Instant thermal monitoring | PARSEC design | Done |

Answer:

Match the HP Thermal Logic capability with its description.

Description

combines local and centralized cooling in a single system	PARSEC design
improves server energy efficiency by modulating power to CPUs when they need it	Power Regulator
provides a real-time view of heat, power, and cooling data	Instant thermal monitoring

Thermal Logic capability

| Power Regulator | Instant thermal monitoring | PARSEC design | Done |

Question No : 7 - (Topic 0)

What happens if you lose a key when using the Secure Key Manager?

A. You must contact HP storage support.
B. You must recover the key from a backup.
C. You must execute Secure Key Recovery.
D. You must retrieve the key from the last encrypted tape backup.

Answer: B

Question No : 8 - (Topic 0)

What is an advantage of using HP OpenVMS in a heterogeneous customer infrastructure?

A. lower cost of ownership versus proprietary operating system solutions
B. 100% application availability with clustering
C. server consolidation support for heterogeneous environments
D. increased performance and scalability over 32-bit implementations

Answer: B

Question No : 9 - (Topic 0)

A customer wants to run six single-CPU virtual machines running HP-UX 11i v3 on an HP Integrity rx3600 system. Two of the CPUs are running HP Virtual Server Environment. What is the minimum number of HP-UX 11i Integrity 2Skt PCL LTU licenses that are required?

A. 1
B. 2
C. 4
D. 6

Answer: C

Question No : 10 - (Topic 0)

Which HP Integrity virtualization product requires a dedicated bootable disk device?

A. HP-UX 11i hard partitions (nPars)
B. HP Virtual Server Environment
C. HP-UX 11i virtual partitions (vPars)
D. HP Insight Dynamics - VSE Suite

Answer: C

Question No : 11 - (Topic 0)

Which feature of HP Insight Dynamics - VSE uses the HP Smart Solver technology?

A. virtual machine power management
B. what-if scenarios
C. physical server migration
D. logical server movement

Answer: B

Question No : 12 - (Topic 0)

Your customer needs a low-cost 64-bit server environment that is scalable and easily managed. Considering the customers space limitations and need for the lowest power consumption, which solution should you recommend?

A. ProLiant DL servers with HP Modular Cooling System
B. BladeSystem c-Class server blades with AMD Opteron-based processors
C. Integrity rx2660 servers with HP Modular Cooling System
D. BladeSystem c-Class Integrity server blades with HP Virtual Connect solution

Answer: B

Question No : 13 - (Topic 0)

Which HP StorageWorks solution enables customers to implement a 3 Data Center Solution (3DC) for replication across multiple sites?

A. XP24000
B. MSA2000
C. EVA4400
D. AiO1200r

Answer: A

Question No : 14 - (Topic 0)

Which tool copies data in real-time using synchronous and bidirectional replication to

remote HP StorageWorks EVA storage solutions?

A. Data Protector
B. Continuous Access EVA
C. Business Copy EVA
D. Replication Storage Manager

Answer: B

Question No : 15 - (Topic 0)

Which HP solution enables customers using HP BladeSystems to reduce physical cabling by up to 94% and make server changes without impacting LAN and SAN availability?

A. ProCurve Manager Plus
B. HP Insight Control Environment for BladeSystem
C. HP Virtual Connect
D. HP Virtual Connect Enterprise Manager

Answer: C

Question No : 16 - (Topic 0)

A customer needs to reallocate system resources dynamically in response to changing priorities, resource demands, and application performance. Which HP solution should you propose to accomplish this?

A. Virtual Machine Management Pack
B. Performance Management Pack
C. HP Systems Insight Manager
D. HP-UX Workload Manager

Answer: D

Question No : 17 - (Topic 0)

Which HP solutions enable customers to have extra compute resources and pay for them as they are used? (Select two.)

A. Instant Capacity (iCAP)

B. Pay-Per-Forecast (PPF)

C. Rent-On-Demand

D. Temporary Instant Capacity (TiCAP)

E. global Workload Manager (gWLM)

Answer: A,D

Question No : 18 - (Topic 0)

Which HP service will provide a customer with a view of the airflows and cooling influence of each air conditioner in their data center environment?

A. Thermal Quick Assessment

B. Thermal Zone Mapping

C. Thermal Intermediate Assessment

D. Thermal Quick Assessment for HP BladeSystem Environments

Answer: B

Question No : 19 - (Topic 0)

What determines the applications and capabilities that are included with an HP OpenVMS license?

A. number of processor cores

B. cell board type

C. number of processor sockets

D. Operating Environment type

Answer: D

Question No : 20 - (Topic 0)

Which HP resource checks for firmware interoperability problems, inventories SAN switches, and performs an analysis of zoning configurations?

A. HP Storage Essentials Enterprise Edition

B. HP SAN Visibility

C. HP SAN Designer

D. HP StorageWorks SAN Design Reference Guide

Answer: B

Question No : 21 - (Topic 0)

Which component enables the migration of an x86-based server solution, including NAS and iSCSI storage, to an HP BladeSystem c-Class solution?

A. SB40c storage blade
B. SB460c storage blade
C. Cisco Catalyst Blade Switch
D. 4Gb Virtual Connect Fibre Channel Module

Answer: B

Question No : 22 - (Topic 0)

Which operating systems are supported on HP ProLiant servers?

A. OpenVMS, NetWare, HP-UX, Tru64 UNIX
B. HP-UX, Linux, Tru64 UNIX, MPE/iX
C. OpenVMS, Linux, Microsoft Windows Server
D. Microsoft Windows Server, Solaris, Linux

Answer: D

Question No : 23 - (Topic 0)

What must you consider when analyzing a customer's environment to design an extension of an existing SAN infrastructure?

A. Integrating different vendors in a SAN fabric maximizes availability and decreases complexity.
B. Integrating a consolidated switch management is necessary when using more than four switches.
C. Merging switches of different series can reduce the supported maximum hop-count.
D. Mixing switches with different speeds is not supported in an HP SAN topology.