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Exam : **HP0-052**

Title : Planning&Design of HP 9000/HP Integrity Server Solutions

Version : DEMO

1.A customer with under-utilized x86 servers running Linux would like some hardware for a new high-value application running on HP-UX. What should you propose to the customer to address these needs?

A.Replace existing hardware with HP 9000 servers.

B.Consolidate onto Integrity servers using migration services.

C.Use upgrade services from HP to determine the correct approach.

D.Consolidate existing applications onto fewer servers and reuse the remaining servers for the new application.

Correct:B

2.The HP Itanium platform is one example of how an HP solution can be of value to the customer. What are some of the benefits of the Itanium multi-operating system environment? Select THREE.

A.efficiency

B.future proofing

C.hardware durability

D.ability to support six operating systems

E.reduced Total Cost of Ownership (TCO)

Correct:A B E

3.Which resources will help you to compare HP Integrity servers to the competition's servers? Select TWO.

A.Product Bulletin

B.Proposal Web

C.IDEAS International

D.Competitive Server Battle Room

E.Performance Quick Reference Tool (PQRT)

Correct:C E

4.Why do customers who run Linux prefer industry-standard servers over proprietary hardware platforms? Select TWO.

A.lower acquisition cost

B.rip and replace support

C.variety of clustering options

D.flexibility of software options

Correct:A D

5.Your customer has an average processor utilization that is less than 30% for all their HP Integrity servers running multiple HP-UX and Linux instances. Processor performance only becomes an issue at week end, month end, and quarter end. Which HP software solutions best address the problem without changing any hardware? Select TWO.

A.temporary instant capacity (TiCAP)

B.HP Open View Performance Agent

C.global Workload Manager (gWLM)

D.HP GlancePlus/UX and MeasureWare

Correct:A C

6.Which design feature does an HP 9000 have as an advantage over similar IBM Power4 systems to offer investment protection?

A.hot-plug CPUs

B.virtual partitions
C.in-box upgrades to future CPU platforms
D.in-band and out-of-band migration management
Correct:C

7.A medium-sized business recently experienced a catastrophic failure. The company's independent hardware and software vendors could not fix the problem in a timely manner because each believed the failure was the other vendor's responsibility. What opportunity does HP have in this situation?
A.HP Services supports third-party solutions.
B.HP high availability solutions fit every budget.
C.HP hardware is designed with extended mean time between failures (MTBF).
D.HP hardware and software support services ensure a single point of contact for problem resolution.
Correct:D

8.A customer is worried about investing in HP Integrity servers because the IBM representative said that the Itanium 2 processor will go out of production due to low independent software vendor (ISV) support. Which responses are correct for this concern? Select TWO.
A.More than 7000 ISVs are developing software for the Itanium 2 processor and the number is growing.
B.HP Integrity Virtual Machine will enable the customer to run any x86 application without performance loss.
C.The roadmap for HP Integrity servers indicates that future processor developments will be included in the customer's business plans.
D.Even though there are only 3,000 ISVs developing software to run on Itanium 2 processors, they cover every needed type of application.
Correct:A C

9.What is an advantage of Itanium-based processors over proprietary PA-RISC-based processors?
A.provides high reliability and availability
B.provides mission-critical application support
C.supports different operating systems and applications
D.provides more than 4GB available memory per application
Correct:C

10.What advantage does HP have in resource partitioning over its competitors?
A.HP partitioning enables management of resources across multiple hardware platforms.
B.There is no difference because HP and IBM use the same product for workload management.
C.HP partitioning supports Workload Manager, which provides Service Level Objective-based resource partitioning.
D.HP partitioning supports Process Resource Manager, which provides Service Level Objective-based resource partitioning.
Correct:C

11.Your task is to prepare a document that focuses on the competitive positioning of HP Integrity servers against other vendors. Which competitive concept should be included in your document?
A.HP delivers proprietary technology and complete solutions for Linux.
B.HP delivers industry-standard platforms and limited solutions for Linux.
C.HP delivers industry-standard platforms and complete solutions for Linux.
D.HP delivers proprietary technology to lower total cost of ownership (TCO).

Correct:C

12.Which can be identified as HP investment protection strategies? Select TWO.

A.long-term support for AlphaServers

B.long-term support for NonStop servers

C.introduction to HP OpenView Operations

D.upgrade to HP Systems Insight Manager (HP SIM)

E.upgrade from a PA-RISC server to an AlphaServer

F.upgrade from a PA-RISC server to an Itanium 2 system

Correct:B F

13.Which HP resources provide information on new products? Select TWO.

A.Top Config

B.Smart Portal

C.Product Bulletin

D.SalesBuilder for Windows

Correct:B C

14.Where must service area clearance be available for maintenance on an entry-level Integrity server?

A.front

B.rear

C.front and rear

D.none required

Correct:C

15.What is the recommended resource to find part information by product name or model number?

A.Product Bulletin

B.PartSurfer

C.QuickSpecs

D.HP website

Correct:B

16.When working with your customer's CEO to design an HP Integrity solution, which are key topics for discussion that would address his specific needs? Select THREE.

A.the benefit of the solution

B.environmental restrictions

C.resource sizing

D.the impact on time-to-market

E.the cost of downtime

F.high availability requirements

Correct:A D E

17.Click the Task button. Place each service option next to its description.

Correct:

Green choice4---->Yellow Choice1

Green choice2---->Yellow Choice2

Green choice1---->Yellow Choice3

Green choice3---->Yellow Choice4

18.Which Enterprise Configurator (eCo) outputs will help you provide a solution for your customer? Select THREE.

A.rack diagram

B.bill of materials

C.purchase order

D.rack layout table

E.alternate diagram layout

Correct:A B D

19.The number of users and IT resources required are two areas that must be identified when analyzing an application for appropriate sizing. In addition to these, what other areas must be identified? Select TWO.

A.Total Cost of Ownership (TCO)

B.third-party licensing strategies

C.percentage of mobile workforce

D.Service Level Agreements (SLA)

Correct:B D

20.Click the Exhibit button. The exhibit shows both the QuickSpecs and Configuration Guide for the rx4640 server. Using these documents as a reference, determine the standard and maximum cooling requirements for this rx4640 server.

Overview
HP Integrity rxOverview
HP Integrity rx4640-8 Server

Overview Standard Features Configuration Technical Specifications

Electrical Characteristics	**AC Input power**	200-240V 50-60 Hz	
	Hot swap Power supplies	1 included, 2nd for N+1	
	Redundant AC power inputs	1 included, 2nd for N+1	
	Typical current requirements at 230V	7 A (shared across inputs)	
	Typical maximum power dissipation	1065 Watts	
	Conservative maximum power dissipation	1368 Watts	
	Power factor at full load	0.95 or higher	
	Typical Heat dissipation (BTUs/hour)	3600	
	Maximum Heat dissipation (BTUs/hour)	5500	

Site Preparation	**Site planning and installation included**	No	
	Depth (in/mm)	25.2 in/639 mm	
	Width (in/mm)	17.32 in/440 mm	
	Rack Height (EIA/in/mm)	6.9 in/4 U4/175 mm	
	Weight (lbs/kg) **Maximum**	100 lb (45 kg)	

Environmental Characteristics	**Acoustics** (operator/bystander) **at 77° F** (25° C)	<7.2 Bels LwA
	Operating Temperature (up to 5000 ft/1524 m)*	41° to 95° F (5° to 35° C)
	Non-operating Temperature	-40° to 158° F (-40° to 70° C)
	Maximum rate of temperature change	20° per hour
	Operating relative humidity	15% to 80% RH non-condensing
	Non-operating	5% to 90% non-condensing

A.3600 BTU and 5500 BTU
B.3600 BTU and 6000 BTU
C.4200 BTU and 5500 BTU
D.4200 BTU and 6000 BTU
Correct:A