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**Exam** : **HP0-P16**

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

**Version** : DEMO

**1.Which advantages of HP Integrity servers can you propose to a potential customer running IBM POWER4 servers? (Select two.)**

- A.IBM supports only Linux operating systems.
- B. HP is the only vendor that provides partitioning technology.
- C. HP Integrity servers can mix processor types on a cell board.
- D. A hardware swap is required to migrate from IBM POWER4 to POWER5.
- E. HP Integrity offers a better price-to-performance ratio based on SAP SD benchmark data.

**Correct: D E**

**2. When using the HP Performance Quick Reference Tool (PQRT) to find a corresponding server for a competitive offer, which numeric fields do you compare?**

- A. TPC-B
- B. number of CPUs
- C. delta performance
- D. estimated performance

**Correct: D**

**3. What are advantages of HP partitioning over IBM LPAR partitioning? (Select two.)**

- A. HP offers two kinds partitions: nPar and vPar.
- B. HP vPar partitions offer full electrical isolation.
- C. HP nPar partitions offer full electrical isolation.
- D. HP partitions offer the same functionality as IBM LPARS.
- E. HP nPars enable dynamic processor reallocation to another nPar.

**Correct: A C**

**4. Considering the advantages of using HP Integrity servers for online transaction processing (OLTP) environments, what type of business would benefit the most from using this hardware platform?**

- A. a data warehouse
- B. a bank with automatic teller machines
- C. an architectural firm with a large database of digital drawings
- D. a library that maintains a catalog of historic records for online viewing

**Correct: B**

**5. Your task is to prepare a document that focuses on the competitive positioning of HP Integrity servers against other vendors for Linux. 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 that results in lower total cost of ownership (TCO).

**Correct: C**

**6. When talking to your client about migrating to HP Integrity rx8640 servers, what benefits should you discuss? (Select two.)**

- A. HP Integrity partitions can be physical and virtual.
- B. Integrity servers use 64-bit processor technology.
- C. PA-RISC and Itanium cell boards can be mixed in the same complex.
- D. The HP Integrity rx8640 server supports up to eight cell boards in the server.

E.Cell boards with different processor speeds can be mixed in the same partition.

**Correct:A B**

**7.A customer is hesitant to invest in HP Integrity servers because an IBM representative told him 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 7000 ISVs developing software to run on Itanium 2 processors, they cover every needed type of application.

**Correct:A C**

**8.What differentiates HP Integrity servers from other vendors' Itanium-based systems?**

- A.chipsets
- B.full redundancy
- C.faster clock speeds
- D.memory expandability

**Correct:A**

**9.Your customer performs a network-based backup of HP-UX servers over a Gigabit Ethernet LAN to save their data to a library. Which technology will improve performance?**

- A.NIC bonding
- B.NIC teaming
- C.Auto Port Aggregation (APA)
- D.Advanced Technology Attachment

**Correct:C**

**10.What differentiates the HP Integrity platform from the IBM pSeries?**

- A.HP Integrity does not run Linux.
- B.IBM pSeries does not run Linux.
- C.HP Integrity does not run Windows.
- D.IBM pSeries does not run Windows.

**Correct:D**

**11.Your customer wants to upgrade their IT environment. What must you do when gathering information about the customer's existing infrastructure?**

- A.Identify existing contracts and validate them with the contract administration group.
- B.Identify the existing management and administration model and validate the customer's market position.
- C.Identify the existing server and storage environment for hardware revision levels and update to the latest version.
- D.Identify the existing server, storage, application, management, administration, contracts, system, and site diagrams.

**Correct:D**

**12.What is the primary advantage of using roadmaps when discussing HP solutions with your customers? (Select two.)**

- A.Roadmaps show information about product reliability.

- B.Roadmaps provide information about technical product specifications.
- C.Roadmaps show the customer which direction HP is going.
- D.Roadmaps create a shared understanding of the future of the business.

**Correct:C D**

**13.What is an advantage of Itanium-based processors over PA-RISC-based processors?**

- A.They provide higher reliability and availability.
- B.They provide mission-critical application support.
- C.They support different operating systems and applications.
- D.They provide more than 4GB available memory per application.

**Correct:C**

**14.Which new features are available on the zx2 chipset, as compared to the zx1 chipset? (Select two.)**

- A.SDRAM
- B.chip spare
- C.double chip spare
- D.up to 512GB main memory
- E.up to 768GB main memory

**Correct:C E**

**15.Which feature allows an HP Integrity platform with HP Virtual Server Environment (VSE) to remain operational if a processor chip fails?**

- A.iCAP
- B.OLAR
- C.hot plug processors
- D.dynamic processor deallocation

**Correct:D**

**16.How many logical processors are provided in an HP Integrity rx6600 server that has four dual-core Itanium 2 processors with HyperThreading enabled?**

- A.4
- B.8
- C.16
- D.32

**Correct:C**

**17.What are the components of a cell board in an Integrity mid-range server?**

- A.up to four hard drives
- B.up to 64 memory DIMMs
- C.up to two PCI I/O card cages
- D.up to four multi-core processor chips

**Correct:D**

**18.By what factor is the I/O bandwidth of the zx2 chipset increased compared to the zx1 chipset?**

- A.1.0
- B.1.2
- C.2.0
- D.2.5

**Correct:C**

**19.HP offers Advanced Memory Protection in the zx2 and sx2000 based servers. Which option enables this benefit?**

- A.Double-chip sparing
- B.DDR2 memory
- C.Scalable Memory Extenders
- D.Memory scrubbers

**Correct:A**

**20.What new feature is enabled by the zx2 chipset, as compared to the zx1 chipset?**

- A.PCI-X 1.0
- B.SDRAM
- C.chip spare
- D.PCI Express

**Correct:D**