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**Exam : HP0-302**

**Title : Planning and Designing HP  
Superdome Server  
Solutions**

**Version : DEMO**

**1.The customer requires an 8 CPU Superdome system split into two hard partitions, both running HP-UX 11i Enterprise Operating Environment. How many cells and how many OS licenses are needed?**

- A.one cell and two licenses
- B.two cells and two licenses
- C.one cell and eight licenses
- D.two cells and eight licenses

**Correct:D**

**2.In a partition, which number of cell boards will yield optimum performance?**

- A.1, 2, 3, 4, 5
- B.1, 2, 4, 8, 16
- C.1, 2, 4, 6, 8
- D.2, 4, 8, 16, 32

**Correct:B**

**3.Which size error will be detected and corrected in the HP Superdome server memory?**

- A.all 2 bit errors
- B.all 4 bit errors
- C.most 4 bit errors
- D.most 1 bit errors

**Correct:B**

**4.Which items are documented in a Solution Implementation Plan (SIP)? Select TWO.**

- A.pricing information for the solution
- B.cabling requirements for the Superdome
- C.customer acceptance of the overall solution
- D.Site Environmental Readiness Review (SERR) summary
- E.operating system questionnaire details of the Superdome solution

**Correct:C D**

**5.In which repository are all Solution Life Cycle (SLC) documents for a specific engagement stored?**

- A.Plato
- B.The Source
- C.SalesBuilder
- D.SLC database

**Correct:A**

**6.In which type of partitioning can the number of processors dedicated to each operating environment be dynamically changed without rebooting?**

- A.HyperPlex
- B.vPar
- C.PRM
- D.nPar

**Correct:B**

**7.Click the Task button. Place the steps of the Solution Life Cycle (SLC) in the correct order.**

Drag and place each step of the Solution Life Cycle (SLC) so the steps are in the correct order. When finished, click the Done button.

Steps	Order
order	place step 1 here
customer acceptance 1	place step 2 here
customer acceptance 2	place step 3 here
solution design	place step 4 here
budgetary quote	place step 5 here
detail design	place step 6 here
formal quote	place step 7 here

**Correct:**

Green choice1---->Yellow Choice4

Green choice2---->Yellow Choice5

Green choice3---->Yellow Choice2

Green choice4---->Yellow Choice6

Green choice5---->Yellow Choice7

Green choice6---->Yellow Choice3

Green choice7---->Yellow Choice1

**8.What is the power requirement for HP Superdome servers?**

- A.no specific requirement
- B.1 phase electrical power
- C.3 phase electrical power
- D.2 phase electrical power

**Correct:C**

**9.What is the function of the HP Integrity Superdome cell controller ASIC?**

- A.provides memory and data path error detection and correction
- B.interfaces to the processor modules, local memory subsystem, and power management components
- C.interfaces to the processor modules, local memory subsystem, crossbar, and remote I/O subsystems
- D.provides instruction collection from memory, selection of the instruction processor, and instruction processing using sequencing look-ahead logic

**Correct:C**

**10.If a customer requires varying compute resources, sometimes more and sometimes less, which HP offering should you recommend?**

- A.iCAP
- B.vPars

C.nPars

D.PPU

**Correct:D**

**11.Where is the TPC-C benchmark published and what does it measure?**

A.www.tpc.org; OLAP transactions

B.www.tpc.org; OLTP transactions

C.www.tpc.com; OLAP transactions

D.www.tpc.com; OLTP transactions

**Correct:B**

**12.What customer information is required to effectively qualify an HP Superdome server deal?  
Select TWO.**

A.available budget

B.geographic location

C.knowledge of HP-UX

D.application information

E.number of datacenters

**Correct:A D**

**13.HP 9000 Superdome servers are best suited for which purpose?**

A.grid computing

B.internet applications

C.server consolidation

D.departmental computing

**Correct:C**

**14.What are service level objectives in the context of Workload Manager?**

A.uptime requirements for applications using HP-UX servers

B.metrics that define the Mean Time Between Failure (MTBF) of hardware partitions

C.processes that determine the HP-UX operating environment a customer needs

D.rules that automatically prioritize resources on virtual HP-UX servers to add or delete resources

**Correct:D**

**15.Which maximum configuration does an HP Integrity Superdome server support when running Windows Server 2003, Datacenter Edition, without any service packs?**

A.64-way SMP, 512GB memory, 4-node clustering

B.8-way SMP, 32GB memory, 8-node clustering

C.32-way SMP, 256GB memory, 8-node clustering

D.64-way SMP, 512GB memory, 8-node clustering

**Correct:D**

**16.Which processor or processors do the HP sx1000 chipset support?**

A.PA-8800 processor only

B.Intel Itanium 2 processor only

C.PA-8800 and Intel Itanium 2 processors

D.PA-8800, PA-8700 and Itanium 2 processors

**Correct:C**

**17.Which category of HP partitions offers the best operating environment isolation within a physical node?**

- A.PRM
- B.vPar
- C.nPar
- D.HyperPlex

**Correct:C**

**18.Which step must be completed when upgrading an existing HP Superdome server?**

- A.determine original discount
- B.update High Level Design documents
- C.engage HP Education for enhanced training
- D.create a Technical Requirements Summary (TRS)

**Correct:B**

**19.Who is responsible for coordinating the shipment and installation of an HP Superdome server?**

- A.TCE Manager
- B.Customer Engineer
- C.Deployment Manager
- D.Installation Coordination Manager

**Correct:C**

**20.When customers want to upgrade to a new processor generation, how do HP Superdome servers protect the Total Cost of Ownership (TCO) over other competitors such as IBM or Sun?**

- A.in-box upgrade
- B.fork-lift upgrade
- C.buy-back program
- D.box-swap upgrade

**Correct:A**