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## **Q&A**

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**Exam** : **HP0-085**

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

**Version** : DEMO

**1.Which rule governs how you should load I/O cards in the IOX cabinet?**

- A.Fill the I/O chassis completely before installing I/O cards in the IOX cabinet.
- B.After you have filled a spare I/O chassis, install redundant I/O devices in the IOX cabinet.
- C.For high-availability installations, redundant I/O cards should be installed in the IOX cabinet.
- D.Distribute I/O cards evenly between the I/O chassis and the IOX cabinet to maximize bandwidth.

**Correct:A**

**2.Which statements are true? (Select two.)**

- A.Processors of different speeds can be mixed in the same cell.
- B.Superdome servers support mixing chipsets if they are in different cells.
- C.An HP Superdome server can support only one type of chipset at a time.
- D.Intel Itanium 2 and mx2 processors can be mixed in the same Superdome server.
- E.Processors on the same cell board can be running different firmware versions if they are in separate hard partitions (nPars).

**Correct:C D**

**3.Which layered applications are included in the Enterprise Operating Environment? (Select two.)**

- A.Online JFS
- B.Mirrordisk/UX
- C.Data Protector
- D.Workload Manager (WLM)
- E.Enterprise Cluster Toolkit

**Correct:A B**

**4.Which resources are required for an nPar I/O chassis in an sx2000 Superdome server? (Select two.)**

- A.Tape drive
- B.Core I/O card
- C.Instant Capacity (iCAP) cell
- D.Card connected to boot media
- E.Card connected to removable media

**Correct:D E**

**5.What information does a Guardian Service Processor (GSP) or Management Processor (MP) provide about an HP Superdome server? (Select two.)**

- A.event logs
- B.console logs
- C.server power usage
- D.processor utilization percentages
- E.service level objectives (SLOs) for each partition

**Correct:A B**

**6.How should memory be loaded on an sx2000-based Superdome server to obtain best performance?**

- A.Use double data rate (DDR) DIMMs.
- B.Populate one full quadrant at a time.
- C.Populate the same echelons on each of the four quadrants.
- D.Populate the A echelons on each of the cells, then populate the B echelons.

**Correct:C**

**7.The best performance is achieved when partitions have how many cells? (Select two.)**

- A.two
- B.three
- C.four
- D.five
- E.six

**Correct:A C**

**8.How many HP Superdome servers can you manage with one Support Management Station (SMS)?**

- A.8
- B.16
- C.24
- D.32

**Correct:B**

**9.How can you set how much memory in an HP Superdome is cell local memory, and how much is interleaved memory? (Select two.)**

- A.nPar commands
- B.HP OpenView Operations
- C.HP Partition Manager (parmgr)
- D.HP Systems Insight Manager (HP SIM)
- E.These values are configured at the factory and cannot be changed without changing cell boards.

**Correct:A C**

**10.Which business values does HP Workload Manager (WLM) provide by allowing customers to set service level objectives (SLOs)? (Select two.)**

- A.increase performance
- B.efficient resource utilization
- C.activate spare processor capacity
- D.run multiple workloads on one system
- E.maximum system uptime and availability

**Correct:B D**

**11.Which memory configuration does HP recommend for an sx1000 Superdome customer who wants the most availability?**

- A.16 DIMMS (eight ranks)
- B.32 DIMMS (sixteen ranks)
- C.minimum of 4 DIMMS (two ranks)
- D.minimum of 8 DIMMS (four ranks)

**Correct:C**

**12.Which functions does the Support Management Station (SMS) support? (Select two.)**

- A.activates Instant Capacity (iCAP)
- B.displays a log of events for troubleshooting
- C.is a console to monitor Superdome servers
- D.sets service level objectives (SLOs) for partitions
- E.monitors resource usage and allocate resources for partitions

**Correct:B C**

**13.How does Pellston technology contribute to reliability and high availability of Montecito processors?**

- A.It increases the bandwidth of the processor bus.
- B.It removes hard cache errors by disabling the affected Level 3 (L3) cache line.
- C.It measures processor power consumption and deactivates processors with irregular usage.
- D.It measures processor power consumption and increases processor frequency for processors that serve particular applications.

**Correct:B**

**14.Which devices does HP recommend for each hard partition? (Select two.)**

- A.DAT
- B.DLT
- C.LTO
- D.DVD
- E.CD-ROM

**Correct:A D**

**15.Which component of Superdome 32-way server is omitted from the Superdome16-way server's backplane assembly?**

- A.crossbar links
- B.local crossbar communication links
- C.cell board connectors for cells 4 through 7
- D.cell board connectors for cells 0 through 3

**Correct:C**

**16.How does Global Shared Memory increase the performance of an sx2000 Superdome server?**

- A.provides a redundant global clock source
- B.provides console functionality for each cell in a Superdome server
- C.provides direct remote access to the cell through the Management Processor (MP)
- D.shifts networking between partitions to the backplane instead of through I/O subsystems

**Correct:D**

**17.Which HP Superdome servers support the PCI-X I/O chassis? (Select two.)**

- A.PA-8700
- B.PA-8800
- C.PA-9000
- D.Itanium 2
- E.PA-8600

**Correct:B D**

**18.In an sx2000 HP Superdome Server, what is the minimum number of DIMMs you need to install to provide high availability in the memory subsystem?**

- A.two per cell
- B.four per cell
- C.eight per cell
- D.sixteen per cell

**Correct:C**

**19.What are the single points of failure in an sx1000 Superdome server? (Select two.)**

- A.I/O chassis

- B.sx2000 chipset
- C.crossbar backplane
- D.power monitor module
- E.Management Processor (MP)

**Correct:C D**

**20.Which configuration rule is true for an HP Integrity Superdome cell board memory?**

- A.DIMMS must all be the same size.
- B.Memory must be added all at one time.
- C.Individual DIMMS must be loaded in pairs.
- D.Mixing DIMM size is allowed with some restrictions.

**Correct:D**