

Exam : **HP0-085**

Title : Planning and Designing HP
Superdome Server
Solutions

Version : DEMO

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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 Superdome 16-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

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