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**Exam :** HP0-069

**Title :** HP Integrity Mid-Range Server  
Technologies

**Vendors :** HP

**Version :** DEMO

NO.1 What enables the new sx2000 chipset to increase the system crossbar bandwidth by a factor of four?

- A.The clock frequency is four times higher.
- B.The sx2000 chipset uses four separate crossbars.
- C.The sx2000 uses the new high-speed SERDES technology.
- D.The crossbar cache uses the new DDR2 SDRAM @ 267/533 MHz.

Correct:C

NO.2 Which ASICs are used in the sx1000 chipset? (Select two.)

- A.Peripheral bay
- B.Memory Adapter
- C.Cell Controller (CC)
- D.Core I/O Controller (CIC)
- E.System Bus Adapter (SBA)

Correct:C E

NO.3 HP Integrity Virtual Machines can run in which partition types? (Select two.)

- A.vPars
- B.nPars
- C.Standalone Servers
- D.Secure Resource Partitions

Correct:B C

NO.4 What is the benefit of cell-local memory (CLM)?

- A.can be used from other hardware partitions
- B.can be used as virtual memory within a cell board
- C.provides memory protection within a cell board (Chip Memory Sparing)
- D.provides faster memory access to local CPUs

Correct:D

NO.5 Which new features differentiate the sx2000 chipset from the sx1000 chipset? (Select three.)

- A.double chip spare
- B.multiple crossbar interfaces per cell
- C.spare channel for crossbar interface
- D.eight memory buses with up to 32 DIMMs total
- E.four front-side buses with up to two sockets each

Correct:A B C

NO.6 What are functions of the MP on Integrity servers? (Select two.)

- A.performs OLRAD
- B.initializes system hardware
- C.reports, logs, and controls system status
- D.controls the installation of firmware updates
- E.deallocates the processor and memory during a failure

Correct:C D

NO.7 Which tool is used to configure nPars?

- A.HP Partition Manager
- B.nPars Insight Allocator
- C.HP OpenView Partition Wizard
- D.HP Systems Insight Manager (HP SIM)

Correct:A

NO.8 Which additional hardware component is required to create four nPars on an rx8640 server?

- A.IOX (I/O Expansion Unit)
- B.SEU-2 (System Expansion Unit)
- C.No additional hardware component is required
- D.additional power supply for expanded power consumption

Correct:B

NO.9 Which are features of the rx7640 and rx8640 servers compared to the rx7620 and rx8620

servers? (Select two.)

- A.redundant system backplane
- B.no single point of failure
- C.redundant PCI power supplies
- D.redundant PCI-backplane
- E.redundant clock source

Correct:C E

NO.10 What functionality does Global Shared Memory enable in the sx2000 chipset-based HP Integrity servers?

- A.All partitions read and write from the same memory pool.
- B.All processors within a partition read and write from the same memory pool.
- C.Processors may read from "sharing windows" in other partition's memory.
- D.All nPars can access a limited amount of memory for fault protection.

Correct:C

NO.11 What is the maximum number of internal DVD-ROM drives in an HP Integrity rx7620 server?

- A.0
- B.1
- C.2
- D.4

Correct:B

NO.12 Which statement highlights a feature of iCAP and processor cache error resiliency on HP

Integrity servers running HP-UX?

- A.There is offline activation of an unused iCAP processor.
- B.There is online activation of an unused iCAP processor.
- C.An iCAP processor can be activated locally by the system administrator.
- D.Remote activation of iCAP processors is no longer necessary on HP Integrity servers running HP-UX

11i.

Correct:B

NO.13 You are installing a rx8640-32 server with HP-UX 11i v2 in a Fibre Channel SAN solution. The

SAN environment consist of HP StorageWorks EVA8000 and MSA1500cs. Which multi-pathing

component do you have to configure?

- A.MultiPath I/O (MPIO)
- B.Emulex Multi-pathing driver
- C.LSI Logic Multi-pathing driver
- D.Physical Volume Links (PVLlinks)

Correct:D

NO.14 If an HP partner requires information about porting software, which resource should he use?

- A. HP Product Bulletin
- B. SalesBuilder for Windows (SBW)
- C. Developer and Solution Partner Program (DSPP)
- D. HP-UX 11i v2 System Administrator Reference Guide

Correct: C

NO.15 What is the minimum number of cell boards required to use more than six internal disks in an rx8640 with SEU-2 configuration?

- A. 1
- B. 2
- C. 3
- D. 4

Correct: D

NO.16 What is the function of the cell controller on a cell board in HP Integrity mid-range servers?

- A. provides PCI bus technology for each I/O card cage
- B. enables "chip-kill" like redundancy of cache
- C. replaces the Service and Management Station (SMS) or Test Station
- D. provides connections to crossbar, CPU, memory, and I/O components

Correct: D

NO.17 What are features of the cell controller? (Select two.)

- A. RAID memory
- B. SCSI controller
- C. Interleaved memory support
- D. Error checking and correcting
- E. Automatic Power Consumption control

Correct: C D

NO.18 Which resource should be used to find technical specifications for hardware and software?

- A. Product Bulletin
- B. SalesBuilder for Windows (SBW)
- C. PartSurfer
- D. Enterprise Configurator

Correct: A

NO.19 Which rule needs to be followed to prevent memory performance bottlenecks in a HP Integrity

rx7640/8640 multi-cell partition environment?

- A.load memory symmetrically across all cells within a partition
- B.firmware is taking care and no loading order needs to be followed
- C.load memory symmetrically on the first cell for optimal performance
- D.operating system takes care and will use the memory with lowest latency

Correct:A

NO.20 What is the minimum number of Itanium 2 single core 1.6GHz processor modules that can be

installed on an Integrity rx7640 server cell board?

- A.1
- B.2
- C.4
- D.8

Correct:B