

C9010-251^{Q&As}

Power Systems with POWER8 Scale-out Technical Sales Skills V1

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QUESTION 1

A customer has a 4-node cluster serving a few different applications. The storage requirements are not clearly defined and would be very unpredictable.

How would shared storage pools benefit this customer?

- A. They reduce the total required storage by half.
- B. They eliminate the need for multiple repository disks.
- C. They reduce I/O bandwidth by sharing the LUNs.
- D. They reduce the time and effort needed to allocate storage.

Correct Answer: D

QUESTION 2

In addition to the media slot , S824 GEC also integrates Which of the following ?

- A. (6 ?) USB port
- B. (10 ?) Gb HMC port
- C. an RDX module
- D. a half-height LTO drive slot

Correct Answer: A

QUESTION 3

Customer has multiple partitions running applications. Due to the user's different regions, each district will have a lot of memory requirements in the different times of day .

Which memory technology can be used to best achieve dynamic shared memory between logical partitions ?

- A. Virtual Memory Pool
- B. Virtual Memory Boost
- C. Active Memory Sharing
- D. Active Memory Expansion

Correct Answer: C

QUESTION 4

A customer has multiple partitions running their applications. Each partition has heavy memory requirements at different times of the day due to differences in the time zones of the users.

Which memory technique can be best utilized in order to dynamically share memory among the LPARs?

- A. Active Memory Sharing
- B. Active Memory Expansion
- C. Virtual Memory Boost
- D. Virtual Memory Pool

Correct Answer: A

QUESTION 5

A customer is considering a fully-virtualized infrastructure to be built on Power Systems.

Which capability would allow storage virtualization, and reduce the effort of adding storage to client partitions for the Power system administrator?

- A. vSCSI
- B. NPIV
- C. SSP
- D. SR-IOV

Correct Answer: B

QUESTION 6

A customer wants to have an AIX Power HA cluster span two sites separated by 100 kilometers. Which option will span the two sites?

- A. Power HA System Mirror Standard Edition
- B. Power HA System Mirror Enterprise Edition
- C. Power HA Smart Assists
- D. Power HA Cluster Aware AIX

Correct Answer: B

QUESTION 7

A customer wants to move from an IBM Power 740 to an IBM Power S824. The 740 contains:

- (4)
disks in the CEC
- (10)
disks in a FC #5802 (I/O drawer with disks)
- (12)disks in a EXP12S
- (24)
disks in a EXP24S How many disks can be reused with the S824\\'? How many disks can be reused with the S824\\'?
- A.
14
- B.
38
- C.
28
- D.
24

Correct Answer: D

QUESTION 8

An AIX customer is running AIX 5.3 on a POWER7 machine and wants to run this workload on a POWER8 server without upgrading their operating system.

What is their best option to migrate their workload?

- A. Power HA failover
- B. Live Partition Mobility
- C. Power VC
- D. Versioned WPAR

Correct Answer: D

QUESTION 9

A customer wants to install a POWER8 tower system at a remote site. The system will run Red Hat Linux. Which system is the best option for the requirement?

- A. S812L
- B. S822L
- C. S824
- D. S814

Correct Answer: B

QUESTION 10

A customer interest in the PostgreSQL server workloads to Power8 , but more concerned about the cost . Compared with x86 servers , which system of pricing the most competitive ?

- A. S822
- B. S814
- C. S824L
- D. S812L

Correct Answer: D

QUESTION 11

A customer needs a new server for their database currently running on a 16-core POWER7 4.1 GHz based server. Oracle has informed the customer that their SPARC T5 based servers are best suited for running databases, because the SPARC T5 has eight threads per core, while the current servers only allow for up to four threads per core.

Which of the following statements could be correctly used to repudiate the Oracle claim?

- A. Databases are mostly single-threaded workloads. Scale-out POWERS servers have higher clock speeds and can scale to more cores than SPARC T5 servers.
- B. Oracle T5 Servers are engineered to run Oracle workloads faster. Non-Oracle workloads will run slower on their hardware due to the amount of threads.
- C. More threads will implicate more licensing for the database software. Less threaded processors provide a better TCO by reducing the licensing.
- D. The number of threads cannot guarantee better performance. Servers based on POWERS have better per core performance in benchmarks when compared to SPARC T5 based servers.

Correct Answer: D

QUESTION 12

A customer is ordering a 4-core S814 with the following partitions:

An IBM i partition capped at 1.0 processors

A second IBM i partition capped at 0.5 processors, running a Web Sphere application.

An AIX partition capped at 0.5 processors.

A Linux partition capped at 0.5 processors.

How many Web Sphere licenses are required to support this configuration?

A. 4.0

B. 1.0

C. 3.0

D. 2.0

Correct Answer: B

QUESTION 13

SAN team hopes customers will easily be able to map each LUN to a specific WWPN for each client logical partition on the Power8 server.

Which technology should be implemented to meet the requirements ?

A. SAS

B. NPIV

C. iSCSI

D. vSCSI

Correct Answer: B

QUESTION 14

Which of the following Linux distributions supports Little Endian (LE) on POWER8 processor- based?

A. RHEL5

B. SLES 11

C. RHEL6

D. Ubuntu 14

Correct Answer: D

QUESTION 15

Customer recently installed a new six- core S824, with (18) SFF-3 bay storage HDD disk backplane completely filled . They want to include (4) SSD solid state drive, the data in order to improve the thermal performance. Customers want to avoid adding a EXP24S I / O drawer to place the SSD costs.

Which of the following to meet customer requirements in order to improve the performance of hot data ?

- A. plus an eight-slot 1.8-inch solid state drive cage backplane
- B. plus an SSD SAS bay PCIe Riser
- C. plus a PCIe RAID and SSD SAS adapter
- D. plus a USB SSD cage connection

Correct Answer: A

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