

C9010-251^{Q&As}

Power Systems with POWER8 Scale-out Technical Sales Skills V1

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QUESTION 1

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 2

A customer is ordering a 4-core S814 with the following partitions. The default processor pool will be used.

An IBM i partition capped at 1.0 processors.

A second IBM i partition capped at 0.5 processors.

An AIX partition capped at 0.5 processors.

A Linux partition capped at 0.5 processors.

How many IBM i processor licenses are required to support this configuration?

- A. 3.0
- B. 2.0
- C. 1.0
- D. 4.0

Correct Answer: B

QUESTION 3

A customer has a Power System S824 server with the following components:

(1) 8-core 4.15 GHz POWER8 processor

(1) 8 Gigabit PCI Express Dual Port Fibre Channel adapter · (1) PCIe2 Quad Port 1GbE adapter

Power VM Standard Edition

(1)

VIO Server using one core, and (7) guest LPARs each using one core

The customer needs to add a redundant VIO Server and implement another three LPARs, each with one core.

In addition to one 8 Gigabit PCI Express Dual Port Fibre Channel adapter, which of the following components must be ordered to satisfy the minimum requirement?

A. (1)4-core POWER8 processor

(1)

PCIe2 Quad Port 1GbE adapter

(4)

licenses of Power VM Express Edition

B. (1)4-core POWERS processor

(1)

PCIe2 Quad Port 1GbE adapter

(4)

licenses of Power VM Standard Edition

C. (1) 8-core POWER8 processor

(1)

PCIe2 Quad Port 1GbE adapter

(16)

licenses of Power VM Enterprise Edition

D. (1) 8-core POWER8 processor

(1)

PCIe2 Quad Port 1GbE adapter

(8)

licenses of Power VM Standard Editon

Correct Answer: D

QUESTION 4

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 5

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

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