



C9010-251^{Q&As}

Power Systems with POWER8 Scale-out Technical Sales Skills V1

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**QUESTION 1**

Which of the following features are unique to PowerKVM ?

- A. vTPM
- B. SR-IOV
- C. Support Ubuntu
- D. Factory Integration Linux

Correct Answer: C

QUESTION 2

As compared to POWER7/7+, what feature of POWER8 processor technology enables more efficient processor utilization in support of highly threaded applications?

- A. Decimal floating point execution
- B. Simultaneous Multi-Threading
- C. Out of order execution
- D. Single precision floating point

Correct Answer: B

QUESTION 3

A customer would like build a two node active-active cluster of two 4-core AIX LPARs. The two nodes of the cluster are connected to an IBM SAN separated by 75 miles (120 Kilometers) and an SVC at each location.

What is the total number of licenses that are required for this configuration?

- A. PowerHA Standard Edition - (8) licenses
- B. PowerHA Enterprise Edition - (4) licenses
- C. PowerHA Enterprise Edition - (8) licenses
- D. PowerHA Standard Edition - (4) licenses

Correct Answer: B

QUESTION 4

A customer would like a Scale-out server solution with eight cores. They require three partitions. Each partition needs



redundant LAN and SAN adapters.

Which solution supports the minimum requirement?

A. (2) 146GB disk drives

(2)

4-port LAN

(2)

4-port SAN adapters

B. (6) 146GB disk drives

(6)

4-port LAN

(6)

4-port SAN adapters

C. 14) 146GB disk drives

(4)

4-port LAN

(4)

4-port SAN adapters

(2)

VIO Servers

D. (2) 146GB disk drives

(2)

4-port LAN

(2)

4-port SAN adapters

(1)

VIO Server

Correct Answer: D

QUESTION 5



What supports the Easy Tier function for an S822?

- A. (8) drives with a split backplane
- B. (12) drives with a split backplane
- C. (8) drives with a second SAS controller
- D. (12) drives without split backplane

Correct Answer: C

QUESTION 6

What is required to implement Live Partition Mobility (LPM)?

- A. The source and destination servers should access the same fabrics.
- B. The source and destination servers should be managed by the same HMC.
- C. The source and destination servers must have the same quantity of Virtual I/O Servers.
- D. All LPARs should have the same vendor Storage Subsystem

Correct Answer: A

QUESTION 7

A customer has a server that uses IVM as a LPAR management. They want to implement PowerVC. Which PowerVC edition will satisfy their requirement?

- A. PowerVC Standard
- B. PowerVC Entry
- C. PowerVC Enterprise
- D. PowerVC Express

Correct Answer: A

QUESTION 8

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 9

A company wants to consolidate six existing AIX workloads onto a single POWER8 server with six LPARs. Which server option will satisfy the requirement?

A. S824 with PowerKVM

B. S822L with PowerVM

C. S822 with PowerVM Express D. S822 with an HMC

Correct Answer: D

QUESTION 10

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 11

A customer wants to consolidate AIX, Linux and IBM i workloads. They are also thinking about Analytic applications and a small-to-mid-size database.

Which of the following servers satisfies the customer's requirements?

A. S822L

B. S822

C. S812

D. S824

Correct Answer: D

**QUESTION 12**

Which of the following statements is true regarding CAPI?

- A. CAPI allows for adapters like FPGAs and GPUs to bypass the CPU and access the memory directly, allowing for faster data access and reduced CPU utilization
- B. CAPI enabled servers use general purpose accelerators that increase the processor clock without compromising stability and RAS.
- C. CAPI allows supported third party CPUs (Oracle, Intel, AMD, etc.) to be installed to speed up processing of specific workloads such as big data, compression or Java.
- D. CAPI is designed for High-Performance Computing only. Commercial workloads cannot benefit from CAPI acceleration

Correct Answer: A

QUESTION 13

Customers are migrating from the Power7 to Power8 systems. In the new VIO server environment, they want to use storage multipathing client logical partition.

Customers should use something to meet their requirements ?

- A. NFS
- B. NPIV
- C. iSCSI
- D. vSCSI

Correct Answer: B

QUESTION 14

What does the numeral "4" represent in a model S824?

- A. The number of power supplies
- B. The number of installed cores
- C. The number of PCIe slots
- D. The number of rack EIA units.

Correct Answer: D



QUESTION 15

Which statement is true regarding Power Systems being positioned as an open platform?

- A. OpenStack management allows for a single HMC to provide centralized management across the whole private cloud.
- B. CAPI allows clients to consolidate multiplatform workloads by attaching other manufacturer processors (like Intel or Oracle) on the servers.
- C. PowerKVM allows clients to standardize on a single open source virtualization technology among RISC and x86 servers.
- D. Linux on Power allows clients to transparently migrate workloads from Linux x86 servers via Live Partition Mobility.

Correct Answer: C

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