

C9010-251^{Q&As}

Power Systems with POWER8 Scale-out Technical Sales Skills V1

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QUESTION 1

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 2

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 3

In addition to a Slimline Media bay, which of the following is integrated into the S824 CEC?

- A. A half height LTO drive bay
- B. (6 ?) USB port
- C. (10 ?) Gb HMC port
- D. An RDX docking station

Correct Answer: D

QUESTION 4

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 5

What standard feature was added to the 4-core S814 to improve the RAS capability when compared to a 4-core 720?

- A. Chipkill Memory
- B. RAID 0
- C. PCIe Hot Plug Support
- D. Alternate Processor Recovery

Correct Answer: A

QUESTION 6

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 7

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 8

The shared storage pool (SSP) was established in Cluster Aware AIX (CAA) Which of the following can provide the kind of high-value features ?

- A. client logical partition memory thin provisioning (Thin provisioning).
- B. Zero configuration operations to implement NPIV storage.
- C. throughout the cluster VIO server synchronization hard name.
- D. Logical partitions automatic failover between Power Systems servers.

Correct Answer: A

QUESTION 9

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 10

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 11

A customer wants to run seven AIX 7.1 partitions in a virtualized environment. The server is a 20-core S822, with 128GB of memory.

Which of the following I/O adapter combinations satisfies the requirement?

- A. (4) PCIe4-port 1GbE
(4) PCIe-4x 2-port 8Gb Fibre Channel
- B. (4) PCIe4-port 1GbE
(4) PCIe LP 8Gb 2-port Fibre Channel
- C. (4) PCIe-2 LP 4-port 1 GbE
(4) PCIe-2 LP 8Gb 2-port Fibre Channel
- D. (4) PCIe LP 4-port 1 GbE
(4) PCIe-4x 2-port 8Gb Fibre Channel

Correct Answer: C

QUESTION 12

Which of the following statements correctly describes a difference between the S814 and S824?

- A. The S814 is a tower server and the S824 can be either a tower or rack mounted server
- B. The S814 has one socket and the S824 has up to two sockets
- C. The S814 can have one or two sockets and the S824 has four sockets.
- D. The S814 uses 1U of rack space and the S824 uses 2U of rack space.

Correct Answer: B

QUESTION 13

An AIX customer wants to be sure they can update their SAN multipath drivers with a minimal amount of risk, while still being able to perform Live Partition Mobility operations.

Which disk connectivity technology supports these requirements?

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

Correct Answer: D

QUESTION 14

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 15

A customer running AIX wants to run DB2 on a new S824 server with uncapped partitions. The customer has licensed DB2 for 15 of the 24 active cores and will use it in multiple partitions.

How can the customer ensure that DB2 does not exceed the number of licenses purchased?

- A. Create 15 shared processor pools for the DB2 partitions.
- B. Limit the number of virtual processors on each DB2 partition to 15.
- C. Use partitions that cannot use more processor capacity than its assigned processing capacity for the DB2 partitions.
- D. Use a 15-core shared processor pool for the DB2 partitions.

Correct Answer: D

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