C4040-251^{Q&As}

POWER8 Scale-out Technical Sales Skills V1

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QUESTION 1

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 EdiHon

Correct Answer: D

QUESTION 2

Which of the following is open source software that hosts the virtual machines on a KVM hypervisor?

A. QEMU

B. OPAL

C. PHYP

D. CAPI

Correct Answer: A

QUESTION 3

A customer needs faster response time from their database server and is considering purchasing POWERS. They are familiar with Easy Tier, and have heard that they can use it locally on some servers.

Which feature(s) would enable this function?

A. Enhanced backplane (EJOP)

B. Standard backplane (EJON)

C. Enhanced backplane (EJOP) with the Split backplane feature (EJOS)

D. Standard backplane (EJON) with optional SSD cage (EJTM)

Correct Answer: A

QUESTION 4

What benefit does the CAP I feature of POWER8 provide?

A. The ability to attach accelerators that have shared memory access that is coherent with the system\\'s processors.

B. An implementation of AME on a hardware accelerator.

C. The ability to dispatch multiple virtual machines on a single core at the same time.

D. An alternative to memory lock base synchronization.

Correct Answer: C

QUESTION 5

A customer will be consolidating a number of IBM i and AIX partitions from several older servers onto an existing S824 These partitions are parts of various operating groups within the customer and require connectivity to various private networks and network redundancy. The server utilizes SAN Storage and dual VIO Server partitions.

Which solution satisfies the customer\\'s requirements?

A. Add two additional VIO Server partitions each with a quad port Ethernet card. Create an SEA in VIO Server to each port of the Ethernet card. Configure virtual Ethernet connections to the VIO Server partitions for each SEA with one flagged priority

B. Utilize two of the IBM i Partitions to bridge to the outside Attach a quad port Ethernet IOA to each partition and bridge the ports lo internal VLANs needed by the guest partitions.

C. Add two SR-IOV capable Ethernet adapters. Allocate each of them to the partitions and create the connections to the correct VLANs as needed.

D. In the existing VIO Server partitions, add a quad port Ethernet card. Create an SEA in VIOS to each port of the Ethernet card. Configure virtual Ethernet connections to the VIO Server partitions for each SEA with one flagged priority.

Correct Answer: A

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