C9010-251^{Q&As}

Power Systems with POWER8 Scale-out Technical Sales Skills V1

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QUESTION 1

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 2

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 3

A customer is interested in migrating Little Endian (LE) Linux workloads to POWERS servers running Power KVM.

Which Linux distribution will satisfy the requirement?

A. Ubuntu

B. RedHat

C. CentOS

D. SUSE

Correct Answer: D

QUESTION 4

Dynamic partition migration , the following is required ?

A. PowerVM Enterprise Edition SAN disk system Virtual Ethernet

B. dedicated processor PowerVM Enterprise Edition Virtual Ethernet

C. dual VIO server PowerVM Enterprise Edition SAN attached disk Two virtual processors

D. dedicated processor Dual VIO server SAN disk system Virtual Ethernet

Correct Answer: A

QUESTION 5

A customer recently installed a new 6-core S824 with the (18) SFF-3 bay storage backplane fully populated with HDDs. They want to include (4) SSDs to improve hot data performance. The customer wants to avoid the cost of adding an EXP24S I/O drawer to place the SSDs.

Which of the following will satisfy the customer\\'s requirement to improve the hot data performance?

A. A PCIe RAID and SSD SAS adapter

B. A USB-attached SSD cage

C. An SSD SAS bay PCIe riser

D. An 8-bay 1.8-inch SSD cage in the backplane

Correct Answer: D

QUESTION 6

A customer wants to be able to automatically failover their Power System nodes that are running AIX in the event of a disaster. The customer will place the servers in No data centers that are in different geographies

Which IBM product will satisfy the customer\\'s requirement?

A. IBM Metro Mirror

B. Power HA System Mirror for AIX Enterprise Edition

C. Geographic Logical Volume Manager

D. General Parallel File System (GPFS)

Correct Answer: D

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

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 9

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 10

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 11

In what case , all I / O must be virtualized ?

A. When an AIX 7 WPAR belong to a global environment.

B. When an IBM i partition belong to dry another IBM i partition.

C. When a logical partition when using a shared storage pool (SSP).

D. When using PowerVM Enterprise Edition and Enterprise Edition with PowerHA.

Correct Answer: B

QUESTION 12

A customer wants to use SAN Flash Copy with Geographic Mirroring to synchronize an IBM i application between two sites. It is required that the application can be halted and moved to the remote system without disrupting other applications.

Which of the following describes a required application characteristic to support these requirements?

A. The application code and data must reside in an IBM i user Auxiliary Storage Pool (ASP).

B. All the application data objects must be defined to remote journaling.

C. The application code and data must reside in the IBM i system Auxiliary Storage Pool (ASP).

D. The application code and data must reside in an IBM i Independent Auxiliary Storage Pool (ASP).

Correct Answer: D

QUESTION 13

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 14

A customer will be purchasing a POWER8 Scale-out server, and will be launching a heavy database application.

Which operating system is unified with a database?

A. AIX

B. IBM i

C. Windows

D. Linux

Correct Answer: D

QUESTION 15

A customer wants to save on IBM i licensing costs:

They have three configurable processors and one IBM i license.

LPAR1 is running IBM i with .5 CPU

LPAR2 is running IBM i with .5 CPU

LPAR3 is running AIX with 1 CPU

All of the LPARs are uncapped.

They want to limit the IBM i LPARs to using one core.

How can the customer enforce the limit and save on their IBM i licensing costs?

A. Put the IBM i LPARs in a shared processor pool with one core.

B. Put the AIX LPAR in a shared processor pool with one core.

C. Set the entitlement of each IBM i LPAR to "one"

D. Change the AIX partition to have .5 CPU entitlement.

Correct Answer: A

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