C4040-251^{Q&As}

POWER8 Scale-out Technical Sales Skills V1

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QUESTION 1

Which of the following statements is true regarding CAPI?

A. CAP1 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: C

QUESTION 2

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 3

A customer will be using an S822L and Power KVM. They want to know how they will attach a console to their machine over the network during installation.

Which console solution should they use?

A. Virsh

B. HMC

C. IVM

D. SOL

Correct Answer: D

QUESTION 4

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 5

How can system software charges be reduced when migrating from POWER6 to a POWER8 Scale-out server?

A. Only activate the necessary cores.

B. Select the per-socket licensing model.

C. Configure the system with POWER8 Dual-Core Modules (DCM)

D. Disable all un-needed cores with Processor Deconfiguration.

Correct Answer: D

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