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IBM Power Systems Scale-Up Technical Sales

IBM C1000-031

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QUESTION NO: 1

Which of the following is a feature in PowerVM?

- A. Simultaneous Multithreading
- B. Hard capping of virtual machines
- C. Active Memory Expansion
- D. Storage Connectivity Groups

ANSWER: B**QUESTION NO: 2**

What is the advantage of NVMe U.2 flash drives on a Power System E980 SAP HANA BW implementation?

- A. They can provide internal boot capability for dual VIOS.
- B. They allow for Live Partition Mobility of HANA databases through CAPI 2.0.
- C. They can provide AIX Preferred Read storage to reduce SAN latency.
- D. They can act as an extension to memory for HANA databases.

ANSWER: C**QUESTION NO: 3**

A customer with an AIX in-house SMT2 application on POWER6 would like to upgrade to POWER9. The customer would like to know the relative performance of the servers.

Which resource provides the SMT2 performance of the two systems?

- A. IBM Performance Management for Power Systems
- B. IBM Power Systems Performance Report
- C. IBM Power Systems Facts and Features

D. IBM Systems Workload Estimator

ANSWER: A

QUESTION NO: 4

Which of the following is a RAS improvement of a Power System E980 over a Power System E880C?

- A. Redundant System Clocks in each node
- B. Redundant Voltage Regulators in each node
- C. Redundant Service Processors in each node
- D. Alternate Processor Recovery

ANSWER: B

QUESTION NO: 5

What is the minimum amount of rack space that an 80 core Power System E980, without any I/O drawers, will take up in a 19 inch rack?

- A. 10U
- B. 12U
- C. 16U
- D. 8U

ANSWER: D

QUESTION NO: 6

A customer has a significant investment in open source software for performing in-memory analytics. This workload is currently deployed on Linux and recent x86 hardware.

What advantage would a POWER9 processor-based server provide this customer?

- A. Faster ChipKill correction rate
- B. More cache per core

- C. More cores per socket
- D. Faster PCIe bandwidth

ANSWER: C

QUESTION NO: 7

Which of the following is true for systems virtualized with PowerVM?

- A. Adapters can be dedicated to LPARs.
- B. LPARs require virtual adapters.
- C. LPARs require shared memory.
- D. Cores must be shared between LPARs.

ANSWER: D

QUESTION NO: 8

A customer wants to virtualize their storage environment and would like to use NPIV.

Where will the storage multipathing software run?

- A. VIOS
- B. Storage controller
- C. Power Hypervisor
- D. Client LPAR

ANSWER: A

QUESTION NO: 9

Which of the following can be moved from a Power System 770 to a Power System E980 when doing a migration?

- A. PCIe 12X I/O drawers #5802/5877

- B. EXP30 SSD I/O drawer
- C. EXP24S SAS Storage Enclosure
- D. Memory DIMMs

ANSWER: D

QUESTION NO: 10

A customer with critical up-time requirements is comparing POWER9 processor-based servers.

Which RAS feature is found only on the Power System E980?

- A. Redundant Service Processors
- B. Hot swap fans
- C. Chipkill memory
- D. Split backplane

ANSWER: A