



# C1000-031<sup>Q&As</sup>

IBM Power Systems Scale-Up Technical Sales

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### QUESTION 1

A customer would like to deploy a new application that requires 7 day by 24 hour availability.

What advantage does the Power System E980 have versus the Power System S924 to satisfy their requirement?

- A. PCIe hot plug adapters
- B. Soft error protection, recovery and self-healing
- C. Active Memory Mirroring
- D. Chipkill memory

Correct Answer: C

Reference: [https://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep\\_ca/6/877/ENUSZG18-0086/index.html&request\\_locale=en](https://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/6/877/ENUSZG18-0086/index.html&request_locale=en)

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### QUESTION 2

A customer needs to run a Linux database application that is supported on both x86 and Power System processors.

What is the advantage of selecting a POWER9 processor-based system for this application?

- A. The ability to move live workloads without downtime.
- B. More applications are compiled for Power Systems than for x86.
- C. Better memory bandwidth on POWER9 processor-based systems.
- D. More cores per socket on POWER9 processor-based systems.

Correct Answer: D

### QUESTION 3

A customer wants to configure a Power System E950 with:

36 physical processor cores

24 active processor cores

A partition running AIX with 8 virtual processors and 4.0 processor entitlement.

A partition running AIX with 12 virtual processors and 7.2 processor entitlement.

A partition running Linux with 8 virtual processors and 6.4 processor entitlement.

2 partitions running VIOS, each with 4 virtual processors and 2.0 processor entitlement.



All partitions are uncapped.

All processors are in the default pool. No additional Shared Processor Pools are used.

How many AIX licenses are required?

- A. 24
- B. 12
- C. 20
- D. 36

Correct Answer: B

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#### QUESTION 4

An IBM Power System E980 customer is allocating six processor cores to a shared processor pool where they intend to create four partitions as defined below: An IBM i partition with 1.75 processing units and 2 virtual processors ?uncapped  
An IBM i partition with .60 processing units and 1 virtual processors ?uncapped  
An IBM i partition with .40 processing units and 1 virtual processors ?uncapped  
A VIOS partition with 1.25 processing units and 2 virtual processors ?uncapped

How many IBM i licenses are required to support this configuration?

- A. 2.75
- B. 6.0
- C. 4.0
- D. 2.0

Correct Answer: D

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#### QUESTION 5

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.

Correct Answer: A

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