



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

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### QUESTION 1

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

Where will the storage mulltipathing software run?

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

Correct Answer: A

Reference: [https://books.google.com.pk/books?id=K7HEAgAAQBAJandpg=PA214andlpg=PA214anddq=IBM+power+systems+virtualize+their+storage+environment+and+would+like+to+use+NPIV.+Where+will+the+storage+mulltipathing+softwareandsource=blandots=UIZU925rJuandsig=7A6MSfq1wi89pP5iojQ6BoE67hkandhl=enandsa=Xandved=2ahUKEwi33u3su\\_beAhUS1xoKHZR4DzAQ6AEwA3oECAUQAQ#v=onepageandq=IBM%20power%20systems%20virtualize%20their%20storage%20environment%20and%20would%20like%20to%20use%20NPIV.%20Where%20will%20the%20storage%20mulltipathing%20softwareandf=false](https://books.google.com.pk/books?id=K7HEAgAAQBAJandpg=PA214andlpg=PA214anddq=IBM+power+systems+virtualize+their+storage+environment+and+would+like+to+use+NPIV.+Where+will+the+storage+mulltipathing+softwareandsource=blandots=UIZU925rJuandsig=7A6MSfq1wi89pP5iojQ6BoE67hkandhl=enandsa=Xandved=2ahUKEwi33u3su_beAhUS1xoKHZR4DzAQ6AEwA3oECAUQAQ#v=onepageandq=IBM%20power%20systems%20virtualize%20their%20storage%20environment%20and%20would%20like%20to%20use%20NPIV.%20Where%20will%20the%20storage%20mulltipathing%20softwareandf=false)

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### QUESTION 2

A customer would like to have the ability to dynamically adjust processor and memory allocations for a virtual machine. They are currently running VMware and Linux on x86.

What is a benefit of using PowerVM over VMware on x86?

- A. Processors and memory can be dynamically added, although VM must be rebooted to remove memory.
- B. Processors and memory can be dynamically added.
- C. Processors and memory can only be dynamically removed but not dynamically added.
- D. Processors and memory can be dynamically added and removed.

Correct Answer: A

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### QUESTION 3

What would improve overall utilization of physical memory resources by allowing a group partitions to use a pool of physical memory resources?

- A. Active Memory Sharing
- B. Active Memory Expansion
- C. Active Memory Mirroring
- D. Active Memory Deduplication



Correct Answer: A

Reference: <https://www-07.ibm.com/sg/manufacturing/pdf/STG/poweroffer/VM2.pdf> (3)

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#### QUESTION 4

What are IBM's recommended best practices for racking and cabling on the IBM Power System E980?

- A. Use the eight inch rack rear expansion.
- B. Place the PDUs in the rack's vertical side pockets.
- C. Use the acoustic rack doors to minimize floor space and protect operator hearing.
- D. Locate the EXP24S SAS drawers in a different rack from the node of PCIe I/O drawer containing the SAS adapters running them.

Correct Answer: C

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#### QUESTION 5

A customer has multiple partitions running their AIX applications. Each partition has heavy memory requirements at different times of the day due to differences in the time zones of the users.

Which memory technique on POWER9 can be utilized to dynamically allocate memory as needed among the LPARs?

- A. Active Memory Sharing
- B. Virtual Memory Mirroring
- C. Uncapped Memory Pool
- D. Active Memory Expansion

Correct Answer: A

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