

IBM

Exam C9010-262

**IBM Power Systems with POWER8 Enterprise Technical Sales Skills
V2**

Verson: Demo

[Total Questions: 10]

Topic break down

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Topic 1, Exam Pool A

Question No : 1 - (Topic 1)

What is the most cost-effective Capacity on Demand (CoD) offering that will allow a new analyze the effects of activating two cores on an E870 and 32GB of memory for one month?

- A. Trial
- B. Elastic
- C. Enable Mobile Activation
- D. Utility

Answer: A

Question No : 2 - (Topic 1)

A customer would like to implement an E880 for high availability.

can the customer reduce the cost of IBM i and AIX licenses for the E880?

- A. Enter the IBM software keys from one of the production systems within 30 days of the failover.
- B. Use DLPAR to add already-activated cores to partitions only when needed.
- C. Purchase the system as Capacity BackUp (CBU)
- D. Use Power HA System Minor to transfer the licenses when needed

Answer: C

Question No : 3 - (Topic 1)

What is the advantage of virtualization with PowerVM over VMware ESX?

- A. Only PowerVM can support Linux.
- B. Only PowerVM can dynamic ally deallocate processors and memory.
- C. Only PowerVM can allocate processors dynamically.
- D. Only PowerVM can share network resources.

Answer: C

Topic 2, Exam Pool B

Question No : 4 - (Topic 2)

A client with a single node E870 would like to attach two I/O expansion drawers to provide more PCI slots.

What is the maximum number of full height PCI slots available with this configuration?

- A. 32
- B. 30
- C. 24
- D. 26

Answer: C

Explanation:

The 19-inch 4 EIA (4U) PCIe Gen3 I/O Expansion Drawer (#EMX0) and two PCIe FanOut Modules (#EMXF) provide 12 PCIe I/O full-length, full-height slots.

References: [https://www-](https://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/0/897/ENUS114-160/index.html&request_locale=en)

[01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/0/897/ENUS114-160/index.html&request_locale=en](https://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/0/897/ENUS114-160/index.html&request_locale=en)

Question No : 5 - (Topic 2)

A customer has a Power System with multiple IBM i partitions and needs to share a TS2270 amongst them.

What is the best method to share the drive and keep costs low and take advantage of their IBM i skill set?

- A. Add the SAS adapter to each partition to connect to the TS2270.
- B. Add a VIOS partition for virtual tape.
- C. Create NPIV connections to virtualize the TS2270.
- D. Create vSCSI connections to virtualize the TS2270.

Answer: D

Explanation:

IBM TS2270 is a Tape Drive.

Optical and tape devices are configured to be used by IBM i client partitions by creating a Virtual SCSI server (VSCSI) adapter in the IBM i server partition and a VSCSI client adapter in the IBM i client partition.

Note:

Client virtual device support allows multiple IBM i partitions to share the devices without needing to use dynamic logical partitioning.

An IBM i server partition that is running IBM i 6.1 or later on an IBM i Power System, POWER6 or later, can share a natively attached optical device or an IBM i virtual optical device (optical image catalog) with multiple client partitions that are running IBM i 6.1 or later.

References:

http://www.ibm.com/support/knowledgecenter/ssw_ibm_i_72/rzam4/rzam4clientvirtdevices.htm

Question No : 6 - (Topic 2)

A customer would like to add a second HMC to an environment which consists of multiple POWER7 and POWER8 systems.

Which of the following is a requirement for both HMCs to be able to manage all the systems?

- A. Both HMCs must be on the same HMC VLAN.
- B. Each HMC must be on a dedicated HMC VLAN.
- C. All the POWER7 systems must be at the same firmware level.

D. Both HMCs must be at the same version of HMC Code.

Answer: D

Explanation:

HMC Version 8 can be used for POWER8, POWER7, and POWER6 based servers.

HMC Version 7 can be used for POWER7, POWER6 and POWER5 based servers.

References: <https://www-304.ibm.com/support/customer/sas/f/hmcl/home.html>

Question No : 7 - (Topic 2)

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 POWER8 Enterprise servers provide to this customer?

- A. Up to six times cache per core.
- B. Up to four times the cores per socket.
- C. Up to eight times the PCIe bandwidth.
- D. Up to ten times the ChipKill Correction rate.

Answer: B

Explanation:

POWER8 includes support for simultaneous multithreading with eight cores per thread (SMT-8). By comparison, x86 systems are only capable of performing SMT-2. The ability to achieve four times the level of per-core performance allows organizations to do more with less, which in turn allows them to decrease their server footprint and potentially spend less on staffing, maintenance and troubleshooting.

References: <http://www.thinkasg.com/blog/linux-on-ibm-power8-versus-intel-x86/>

Question No : 8 - (Topic 2)

Comparing an Oracle Exadata to an E870, what advantage does an E870 have when compared to the Exadata?

- A. E870 provides more cores for greater scaling.
- B. E870 provides an ability to add cores and memory in a more granular manner.
- C. E870 provides support for SSD.
- D. E870 supports the Oracle 12c database.

Answer: B

Topic 3, Exam Pool C

Question No : 9 - (Topic 3)

A customer is considering buying a new E870, they plan to use narrow version 8 GB of fibre channel adapter to connect to an existing V7000 it.

Which IBM resource should be used to find the support of the solution?

- A. system storage interoperation center (SSIC)
- B. System Planning Tool
- C. Knowledge Center
- D. configurator (e-config)

Answer: D

Question No : 10 - (Topic 3)

Customers hope to be able to freely move processors and memory activation between a Power E870. To implement this capability, what is needed?

- A. Live Partition Mobility
- B. System Pools
- C. Power Enterprise Pools
- D. Logical Partition Mobility

Answer: A