

# IBM

## Exam C9010-250

### Power Systems with POWER8 Sales Skills V1

Version: 10.6

[ Total Questions: 108 ]

**Question No : 1**

A customer plans to implement a web-based solution that requires 34 Power cores. They want to acquire a POWER8 solution with the best TCA.

Assuming all other configuration requirements are equal, which solution provides the best TCA?

- A. OneE870
- B. TwoS824s
- C. Three S814s
- D. OneS822

**Answer: B**

Reference: [http://ibm.azlan.nl/html/stream\\_file.php?key=885tgf2sx](http://ibm.azlan.nl/html/stream_file.php?key=885tgf2sx)

**Question No : 2**

Which product enables cloud functionality and is included in the AIX Enterprise Edition at no additional cost?

- A. IBM Cloud Orchestrator
- B. WebSphere
- C. IBM Cloud Manager with OpenStack
- D. Cloud Network Security

**Answer: A**

**Explanation:** IBM SmartCloud Orchestrator includes services contract for IBM Implementation Services for Power Systems AIX® V6.1 and IBM Migration Services for Power Systems AIX V6.1.

Reference: <http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=an&subtype=ca&appname=gplateam&supplier=897&letternum=ENUS213-375>

**Question No : 3**

A customer is currently booting a 770 with internal storage, and wants to maintain a local boot option on an E870.

What local boot option is valid for the E870?

- A. Storage on the SAN
- B. Storage in the disk expansion drawer
- C. Storage in the System Control Unit
- D. Storage in the CEC

**Answer: D**

**Explanation:** The local boot option for E870 is storage in the CEC.

**Question No : 4**

A customer has a 6TB database that needs a very high performance solution at the lowest cost.

Which system is the more cost effective solution?

- A. The S824 with attached FlashSystem 840.
- B. The S824 with integrated SSDs and V5000.
- C. An E870 with internal disk drives and SSDs.
- D. The S824 with internal disk drives and SSDs with Easy Tier.

**Answer: D**

Reference:

<http://www.slideshare.net/JuanRebes/ideal-storage-for-ibm-power-systems>

**Question No : 5**

A credit card company is going to implement a new application for which security is a major requirement. The company has been quoted a solution running in Windows.

Why should the company consider a Power Systems solution?

- A. IBM has superior firewalls.
- B. IBM AIX and IBM i have security check points that make it nearly impossible to be hacked.
- C. Starting with POWER8 security is built into the processor.
- D. PowerSC includes templates for PCI compliance

**Answer: D**

Reference: <http://www-03.ibm.com/press/us/en/pressrelease/43702.wss>

**Question No : 6**

A customer asks why they should investigate Open Source solutions as opposed to single vendor proprietary solutions.

Which statement best summarizes the benefit of the solutions?

- A. Open Source solutions are not susceptible to security flaws due to peer review process.
- B. The open community develops to all operating systems standards.
- C. Open Source solutions are certified to execute on all operating systems since they are developed in Java
- D. The open community development model provides greater flexibility for application functional expansion.

**Answer: D**

**Explanation:** we look to provide ongoing and increasing support for complex competency based curricular models, for clinical and experiential learning modalities, and provide ever greater flexibility for interprofessional education.

Reference: <https://www.iliosproject.org/timeline>

**Question No : 7**

Customers benefit from the OpenPOWER Foundation because:

- A. OpenPOWER Foundation-developed solutions run on all POWER6, POWER7, and POWER8.

- B. OpenPOWER-developed solutions by the Foundation are provided at no charge
- C. OpenPOWER Foundation-development teams creating new solutions for Power architecture
- D. OpenPOWER Foundation-developed solutions are all developed to utilize CAPI for optimal performance.

**Answer: D**

**Explanation:**

IBM's POWER architecture is the cornerstone of innovation for the OpenPOWER Foundation, creating a computing platform available to all

Reference:

<http://openpowerfoundation.org/press-releases/openpower-foundation-technology-leaders-unveil-hardware-solutions-to-deliver-new-server-alternatives/>

**Question No : 8**

What is a competitive advantage of a Power System compared to an Oracle Exadata system?

- A. Granularity of cores and memory
- B. Integration of processors and storage
- C. Availability of SSD drives
- D. Number of available cores

**Answer: A**

Reference: <http://www.oracle.com/us/products/servers-storage/servers/x86/x4-2l-faq-2008606.pdf>

**Question No : 9**

What is an advantage of the POWER8 Scale-out systems compared to a competitive Oracle T5 offering?

- A. The option to run SUSE Linux.

- B. The ability to connect to a SAN.
- C. The ability to support internal drives.
- D. The option to run multiple partitions.

**Answer: D**

**Explanation:** Power8 Scale-out systems support internal drives whereas Oracle T5 supports only external drives and SAN.

**Question No : 10**

A customer is concerned about Power Systems security in a virtualized environment. They want real time monitoring and a trusted firewall between LPARs.

Which IBM product should be proposed?

- A. PowerVM
- B. PowerSC
- C. Tivoli Security Policy Manager
- D. IBM Security Access Manager for Enterprise Single Sign-On

**Answer: B**

**Explanation:**

PowerSC pass packets securely between LPARs without an external firewall.

Reference:

[ftp://public.dhe.ibm.com/systems/power/community/aix/Switzerland\\_VUG/7\\_PowerSC\\_Overview.pdf](ftp://public.dhe.ibm.com/systems/power/community/aix/Switzerland_VUG/7_PowerSC_Overview.pdf) (page 1)

**Question No : 11**

A customer wants to run an Oracle application that is available for POWER8 and other competitive platforms. The Oracle application is licensed per core.

Which POWER8 processor advantage provides a competitive TCO advantage?

- A. Processor Instruction Retry
- B. 8 cores per processor

- C. Level 3 memory cache
- D. Core performance

**Answer: D**

**Explanation:** POWER8 processing cores are the fastest in the industry for Enterprise Java workloads. It has 2x more performance per core than Intel E5-2697 v2 offerings and 1.77x more performance per core than Oracle T5-2 offerings.

Reference: [https://www-](https://www-950.ibm.com/events/www/impact/impact2014cms.nsf/download/k7e19cd561ad41ad4145c4e50051/$FILE/Impact2014_3407.pdf)

[950.ibm.com/events/www/impact/impact2014cms.nsf/download/k7e19cd561ad41ad4145c4e50051/\\$FILE/Impact2014\\_3407.pdf](https://www-950.ibm.com/events/www/impact/impact2014cms.nsf/download/k7e19cd561ad41ad4145c4e50051/$FILE/Impact2014_3407.pdf)

### Question No : 12

A customer with no in-house IT support needs to implement a solution that includes a relational database, industry leading security, standards based internet technology, networking and storage management capabilities.

Which Operating System will satisfy the customer's requirements?

- A. LINUX
- B. AIX
- C. Windows
- D. IBM i

**Answer: D**

**Explanation:** IBM i integrates a trusted combination of a DB2 relational database, industry-leading security, standards-based Internet technology, networking, and storage management capabilities. For example, IBM installs and integrates the SQL standards-based DB2 database for IBM i with advanced database management utilities, plus additional middleware components such as multiple file system options, directory capability, an HTTP web server powered by Apache, a web application server, and a web-services environment.

Reference: [http://www-01.ibm.com/common/ssi/cgi-](http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?subtype=ca&infotype=an&appname=iSource&supplier=897&letternum=ENUS214-154)

[bin/ssialias?subtype=ca&infotype=an&appname=iSource&supplier=897&letternum=ENUS214-154](http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?subtype=ca&infotype=an&appname=iSource&supplier=897&letternum=ENUS214-154)

**Question No : 13**

A client wants a proposal for a POWER8 server to support deployment of a new mobile application. What information is most valuable to configure the new server?

- A. Programming language
- B. Types of mobile devices
- C. Expected transaction volume
- D. Security requirements

**Answer: A**

**Question No : 14**

Which management function is provided by IBM Cloud Manager with OpenStack?

- A. Resource pooling and dynamic VM placement
- B. Ongoing optimization and VM resilience
- C. Electronic Service Agent for proactive hardware reporting
- D. End-user self-service provisioning and automation

**Answer: D**

**Explanation:**

IBM Cloud Manager with OpenStack, together with Platform Resource Scheduler, helps to reduce the total cost of ownership of the cloud by using infrastructure more efficiently, sharing resources between tenants, and automating tedious cloud management tasks. By continuously monitoring the cloud and taking actions as necessary to ensure that configurable policy objectives are being achieved, performance and availability remain optimal even as the topology of the cloud infrastructure and workloads inevitably change with time.

Reference:

[http://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep\\_ca/7/897/ENUS214-377/index.html&lang=en&request\\_locale=en](http://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/7/897/ENUS214-377/index.html&lang=en&request_locale=en)



**Question No : 15**

You are proposing a PowerHA solution to your customer who wants installation assistance.

What resource can be proposed to perform the installation?

- A. IBM Development team
- B. Advanced Technical Support
- C. Lab Services
- D. Local Field Technical Sales Support

**Answer: C**

Reference: <http://www.redbooks.ibm.com/redbooks/pdfs/sg248167.pdf>

**Question No : 16**

IBM is competing with Cisco for a large Oracle database opportunity.

What advantage of POWER8 systems should an IBM Power reseller emphasize?

- A. They can be virtualized.
- B. They are managed by a single pane of glass.
- C. They run Linux.
- D. They offer greater scalability.

**Answer: D**

Reference:

[http://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep\\_ca/7/897/ENUS214-377/index.html&lang=en&request\\_locale=en](http://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/7/897/ENUS214-377/index.html&lang=en&request_locale=en)

**Question No : 17**

An existing IBM customer explains they cannot consider POWER8 because they have a small application that requires AIX 5.2.

Which of the following capabilities will allow that application to run on a POWER8 server?

- A. Little Endian support will allow AIX 5.2 to run on any POWER8 server.
- B. Versioned Workload Partitions (WPARs) for AIX 7.1 EE can allow workloads dependent on AIX 5.2 to run on POWER8.
- C. Logical Partitions (LPARs) enable different versions of AIX to run simultaneously on one POWER8 system.
- D. AIX binary compatibility allows applications created on earlier releases of AIX to run unchanged and without recompilation on POWER8.

**Answer: A**

**Explanation:**

Support for little endian mode in the POWER8 processor enables a new generation of applications. While I plan to devote future blog entries to this topic, let me take a moment to address some basic facts about the technology. First, the traditional POWER operating systems (AIX, and IBM i) are big endian and will continue to run as such on POWER8 and future systems. Second, Linux operating systems over time will be migrating from being big endian to little endian in an organized way that by no means compromises the support cycles for their existing releases. Third, as little endian operating systems come to market, a new little endian application ecosystem will grow. Given that most applications today support one or more little endian operating systems (Windows or x86 Linux) and at least one big endian operating system (Linux on Power, AIX, or z/OS), this ecosystem should grow quickly. Finally, little endian mode on POWER8 is not a magic bullet: compiled x86 Linux applications will still require a recompile at a minimum because the x86 and Power instruction set architectures are still different. With this new support, Power will simplify on step in the porting process for new applications, but to develop the whole ecosystem will take time.

Reference: [https://www.ibm.com/developerworks/community/blogs/fe313521-2e95-46f2-817d-44a4f27eba32/entry/power8\\_propels\\_power\\_systems\\_into\\_the\\_future?lang=en](https://www.ibm.com/developerworks/community/blogs/fe313521-2e95-46f2-817d-44a4f27eba32/entry/power8_propels_power_systems_into_the_future?lang=en)

**Question No : 18**