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Brain Dumps

C4040-250

Power Systems with POWER8 Sales Skills V1

- i) Very Valid, passed today 91% .Everything is from here.
- ii) From the start to the end, it guided me about every minor issue. I found it like a generous teacher.
- iii) Great dump, passed with high marks because it help me a lot.
- iv) it will definitely help you how to tackle the final IT exam perfectly.

Exam A

QUESTION 1

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

answer is right.

QUESTION 2

An IT manager has several POWER5 servers and wants to consolidate them into a new POWER8 server. The CFO (Chief Financial Officer) is asking for a financial justification for the project.

Which resource can be used to provide a rapid high-level financial data overview?

- A. IBM Global Financing
- B. Scorpion study
- C. Alineantool
- D. Eagle study

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

appropriate answer.

QUESTION 3

A customer wants to run multiple workloads, and is considering an S824 or an E870. Under which condition would the E870 be more appropriate?

- A. If the customer needs hot plug PCIe adapters.
- B. If the customer expects to grow beyond 2TB of memory and more than 24 cores.
- C. If the customer needs to support more than 1TB of memory.
- D. If the customer needs to run AIX, IBM i, and Linux using internal disk.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

answer is Best.

QUESTION 4

A customer needing an analytics solution is comparing POWER8 with x86 servers for their infrastructure.

What makes Power Systems a better value than the x86solution?

- A. More supported analytic solutions providing more choices
- B. Higher performance and faster response times

- C. Greater storage capacity with encrypted data.
- D. Stronger encryption capabilities and proprietary analytics algorithms

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

Which POWER8 technology features contribute the most to lower TCO?

- A. CAPI and transactional memory
- B. High performance cores and SMT
- C. PCIe Gen3 support and Hot Plug adapters
- D. First Failure Data Capture and Thermal Power Management Device

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

A customer states that they require N_Port ID Virtualization (NPIV) for storage attachment. Which adapter will satisfy their requirement?

- A. 4Gb Fibre Channel adapter
- B. 8Gb Fibre Channel adapter
- C. 40GbE Infiniband adapter
- D. 12Gb Cache RAID SAS quad-port 6Gb adapter

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

A customer wants to simplify virtualization management and specifically wants the ability to capture and deploy virtual images.

In addition to PowerVM, which software product will satisfy the requirement?

- A. PowerVP
- B. PowerKVM
- C. PowerVC
- D. PowerHA

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

answer is accurate.

QUESTION 8

A customer with an AS/400 running S/36 code needs to migrate to a new POWER8 system. They require a deskside solution.

Which solution will satisfy the customer's requirements?

- A. S812L running IBM i 6.2
- B. S814 running IBM i 7.1
- C. S822 running IBM i 7.2
- D. S814 running IBM i 6.1

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

A client is looking for a high availability solution for their existing Power environment. They have two locations each with an E870 and DS8800.

What solution provides the best TCO?

- A. IBMPowerHA
- B. Vision Solutions MIMIX
- C. IBMPowerVP
- D. IBM Tivoli Manager for HA

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

Which tool can be used to determine the three-year TCO of a an S824 system compared to an HP DL580?

- A. Power Systems Speed Sheets
- B. TCO Cost Estimator
- C. Quick Pricer
- D. Alinean TCO tool

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

An application has a high availability requirement and is implemented with two local partitioned POWER8 servers and one remote partitioned POWER8 server. One local server runs production and replicates data to the backup local server. The backup local server replicates data to backup remote server.

What is the minimum number of HMCs required to support the sites?

- A. 4
- B. 2
- C. 3

D. 1

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

answer is reliable.

QUESTION 12

A customer needs to support an HPC cluster, and needs the maximum number of cores in a standard 19 inch rack. The customer can run either AIX or Linux.

Which POWER8 server best satisfies the requirement?

- A. S824
- B. S822
- C. S822L
- D. S824L

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

A customer has an E870 and is installing IBM software products in a Red Hat partition. What PVU will the customer be charged per core?

- A. 70PVUs
- B. 100PVUS
- C. 120PVUs
- D. 80PVUs

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

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.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

answer is justified.

QUESTION 15

What is a limitation of the 4-core S814 model once installed? Inability to change the:

- A. disk controller from non-cache to cache
- B. operating system from AIX to Linux.
- C. attached tape drive from LTO-5 to LTO-6.
- D. rack mount to deskside covers

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

A customer is close to maximum energy consumption in their data center and wants to measure and predict energy use.

Which POWER8 feature will provide the required function?

- A. Power capping
- B. Power saver mode
- C. Power core nap mode
- D. Power trending

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

A customer told the IBM reseller that they are reviewing proposals from several different computer manufacturers.

What should the IBM reseller emphasize as a Power Systems infrastructure advantage?

- A. IBM owns and validates the entire hardware and system software stack.
- B. IBM offers a lower price than their competitors.
- C. IBM systems scales to a greater number of cores and memory.
- D. IBM integrates their systems at the factory to minimize start up time.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

What POWER8 availability feature is unique to the E870 and E880 models?

- A. Redundant service processors
- B. Hot swap I/O adapters
- C. First failure data capture
- D. PowerVM Live Partition Mobility

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

A small retailer has a 4-core S814 with one processor license to run the production workload. During the busy holiday season in November and December, the average daily workload is doubled.

Which solution will provide the required processing capacity for the busy season?

- A. Purchase an additional processor license.
- B. Implement Elastic Capacity On Demand
- C. Enable Active Memory Expansion
- D. Purchase an additional processor activation

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

When implementing a 40TB NoSQL in-memory database on an x86 platform, a customer needs 24 servers. The same database requirement can be satisfied on POWER with a CAPI connected FlashSystem 840.

How many Power S822L(s) is (are) needed?

- A. 8
- B. 16
- C. 24
- D. 1

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

A customer has 40 Power 520 servers and is concerned about the ongoing operational cost, space, and high availability.

Which solution should be discussed in order to satisfy the requirements?

- A. Purchase one S824 with PowerVM and PowerHA.
- B. Purchase two S824 servers with PowerVM and PowerHA
- C. Purchase one E870 with PowerVM and PowerHA.
- D. Purchase four S812L servers with PowerVM and PowerHA

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

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.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

A POWERS customer with disk expansion drawers needs a non-disruptive solution to improve the disk performance at the lowest cost.

What should be proposed to satisfy the customer's requirement?

- A. V7000 SAN Disk
- B. 840 Flash Storage
- C. DS5000 SAN Disk
- D. SSD drives

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

A customer is running an Oracle database on Solaris and needs to replace their systems. They are considering offerings from both Oracle and IBM. Oracle is leading with M5.

What advantage should the IBM reseller discuss to demonstrate the value of POWER8?

- A. Total cores on a single systems
- B. License cost per core
- C. Number of threads per core
- D. Core performance

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

A customer has a BladeCenter S (BCS) with an 8-core POWER6 blade, 1 5TB of storage and an external LTO tape drive installed. They want to upgrade to a POWER8.

Which of the following is the lowest cost recommendation to satisfy their requirement?

- A. Flex System and POWER8 node
- B. S824
- C. POWER8 blade in the current BCS
- D. S814

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

An installed HP Superdome / Oracle database customer is consider migrating to POWER8 . The customer has significant financial concerns because of the multiple partitions and high Oracle licensing cost of their HP solution.

What features / capability of POWERS should be discussed with this customer?

- A. Processor pooling and high performance cores
- B. PowerVP and PowerSC
- C. CUoDandCAPI
- D. Shared Storage and Processor roadmap

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

What is a major differentiator with the IBM Solution for Hadoop - Power Systems Edition, compared to Hadoop on x86?

- A. The IBM solution provides fixed configurations for hardware and software for easy deployment.
- B. The IBM solution uses MapReduce for scalability to thousands of servers.
- C. The IBM solution uses SSDs and faster interconnects.
- D. IBM hardware and software components are customizable for best price/performance

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

In addition to one System Node, what is (are) the minimum E880 hardware feature(s)?

- A. One System Control Unit and two I/O drawers
- B. One System Control Unit
- C. One I/O drawer r
- D. Two I/O drawers and one disk expansion drawer

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

A customer needs to purchase a server to run their large Tivoli Storage Manager environment What POWER8 capability should they consider compared to an x86 solution?

- A. Dual FSPs ensure system availability
- B. Active Memory Expansion
- C. Chipkill memory reduces program errors
- D. Higher system bandwidth

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

A customer is evaluating infrastructure options in order to deploy IBM DB2 BLU. What is a benefit of running DB2 BLU on POWER8?

- A. It exploits large caches and memory bandwidth, delivering better performance
- B. It takes full advantage of 16 threads per core, delivering better performance.
- C. It can be managed with PowerVP to simplify deployment of new images.
- D. It minimizes the number of support contracts that the customer needs.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

A customer believes that virtualized x86 solutions offer a lower TCA than Power solutions.

Which of the following Power solutions generally has the lowest TCA?

- A. S824
- B. S824L

- C. S812L
- D. S822

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

A customer is migrating from a POWER6 570 to a POWER8 S824. Which technology will have to be replaced?

- A. FCoE
- B. SAS
- C. Fibre Channel
- D. SCSI

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

A customer offers mobile phone plans via a secure website. They requested a meeting to evaluate what IBM has to offer in terms of a hybrid cloud infrastructure and data analytics solution, which will allow them to increase sales of mobile phone plans.

What solution can be proposed to satisfy the requirements?

- A. S814. PowerVM, PowerHA. Worklite. and IBM Cloud Orchestrator
- B. S824. Cognos. IBM Cloud Orchestrator PowerSC, and PowerVM
- C. S822. ProtecTIER Websphere and IBM Cloud Manager with OpenStack
- D. S822. PowerKVM PowerHA and Cloud Toolkit

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

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.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

A customer has an application that requires the following:

Which solution will satisfy the requirements?

- A. TwoS822s
- B. TwoS814s
- C. TwoS824s
- D. One E870 with two client partitions

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

What are key cost elements that should always be included in a POWER8 proposal?

- A. Rack space and DR
- B. Staffing and energy
- C. Software and hardware
- D. RAS and financing

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

appropriate answer.

QUESTION 38

In a competitive situation, a customer wants to compare virtualization capabilities of POWER8 systems and x86 systems.

Which response describes a competitive advantage of PowerVM compared to VMware?

- A. PowerVM runs in a secure address space while VMware runs in application state
- B. PowerVM can run dual VIO servers to provide higher availability
- C. PowerVM provide higher system utilization because it is implemented in the processor logic.
- D. PowerVM has the ability to virtualize memory while VMware does not.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40

A customer has an E870 installed in one location and is going to upgrade a Power 770 to an E870 in a second location

Which option describes whether a Technical Delivery Assessment (TDA) is required on the Power 770 to E870 upgrade?

- A. A TDA is only required on the first POWER 770 to E870 upgrade at a customer location.
- B. Since the customer already has an E870 installed in the enterprise, a TDA is not required.
- C. A TDA is not required on a POWER 770 to E870 upgrade.
- D. A TDA is required on all POWER 770 to E870 upgrades.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

answer is definite.

QUESTION 41

Why is OpenPOWER strategically important for Power Systems customers?

- A. To support IBM i solutions for hybrid clouds
- B. To help integrate IBM Cloud with OpenStack for private cloud.
- C. To collaborate with companies and develop new Power solutions
- D. To enable community development of AIX and PowerVM.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 42

What is a performance monitoring product that is available on the E880?

- A. PowerSC
- B. PowerVP
- C. PowerVC
- D. PowerVM

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

genuine answer.

QUESTION 43

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

absolute answer.

QUESTION 44

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.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

answer is valid.