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Self test
ENGINE

C4040-252

Power Systems with POWER8 Enterprise Technical Sales Skills V1

A) I am so much inspired by the training and guidance provided to me by this VCE file for the preparation of exam and now I uploaded this outstanding file for you people.

B) It's still valid and there are a lot of fresh and updated questions. But if you know the answers of that dump you will succeed easily because the questions are similar.

C) It is considerable that this dump has made the whole process simple for taking exam.

D) This dump is valid, passed today with 92%, all questions from this dump.

E) Of the Total questions, only 10 came out in the exam. I recommend using the VCE, which contains most of the test questions.

Exam A

QUESTION 1
When utilizing dual VIO Servers, which of the following simplifies storage management for the system administrator in a Fiber Channel SAN environment?

A. SAS
B. SSD
C. vSCSI
D. NPIV

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
genuine answer

QUESTION 2
A customer has two Power E870 systems and requires Power Enterprise Pool implementation.
What is required to implement the solution?

A. License Key
B. Redundant HMCs
C. Aconfiguration filesfrom IBM
D. Fully populated memory slots

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
answer is sophisticated.

QUESTION 3
Which of the following describes a capability of PowerVC?

A. Simplifies cloud administration with a self-service user interface.
B. Clones, copies, and relocates Power Systems virtual machines.
C. Provides isolation of users and projects through a common portal.
D. Provides metering and billing reports.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
Which tool can help identify the appropriate firmware for a Power System?

A. System Planning Tool (SPT)
B. Inventory System Tool (1ST)
C. Fix Level Recommendation Tool (FLRT)
D. Workload estimator (WLE)

Correct Answer: C
Section: (none)

Explanation

Explanation/Reference:
ALL right.

QUESTION 5
A customer has an E880. They are considering using Power Enterprise Pools.

What is the maximum percentage of installed memory that can have mobile activations?

A. 75%
B. 25%
C. 100%
D. 50%

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
answer is right.

QUESTION 6
What P0WER8 enhancement provides greater RAS compared to prior generations of Power Systems?

A. First Failure Data Capture
B. Larger L3 memory cache modules
C. Redundant system clocks
D. Spare data lane on each fabric bus

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
Which feature will help prevent a system outage in the event of an uncorrectable error in memory being used by the hypervisor?

A. Active Memory Expansion
B. Active Memory Mirroring
C. Active Memory Protection
D. Active Memory Sharing

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
to the point answer.

QUESTION 8
How is the 19 inch PCIe Gen3 I/O Expansion Drawer connected on POWER8 systems?

A. PCIe Gen3 Infiniband Adapter
B. GX++ Bus
C. Optical CXP Converter Adapter

D. PCiex8SR-IOV Adapter

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Okay.

QUESTION 9
Compared to x86, what feature of POWER8 processor technology permits more efficient processor core utilization to support highly threaded applications?

A. Decimal floating point unit
B. L4 caches
C. SMT8
D. CAPI

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
given answer is true.

QUESTION 10
Which of the following is true for an IBM Power Enterprise processor pool?

A. The master HMC and backup master HMC can be concurrently assigning activations and resources to servers in the pool.
B. Multiple physical sites are supported, but each site must have access to the master HMC.
C. A server is deleted from, or added to, the pool when the client creates a new XML file.
D. The master HMC is defined using an client-created XML file which lists serial number of each Enterprise Pool Participate (EPP).

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Best answer.

QUESTION 11
A customer is interested in running a dual VIOS configuration, and wants to avoid SAN boot for the VIOS.

Which of the following solutions should be recommended?

A. Allocate iSCSI storage on two separate adapters for the VIOS boot disks.
B. Allocate Fibre Channel storage to the machine and then use vSCSI to the VIOS for boot disks.
C. Allocate two SAS disks on two separate SAS adapters for VIOS boot disks.
D. Allocate two Fibre Channel LUNs and two iSCSI LUNs, then give one of each to the VIOS boot disks.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
answer is suitable.

QUESTION 12

A customer wants to minimize the number of Fibre Channel adapters located in a system node. Slots in a PCIe I/O expansion drawer are not available.

Which supported adapter provides the maximum number of ports?

A. 4-port10Gb
B. 4-port 8Gb
C. 4-port 4Gb
D. 4-port 16Gb

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Excellent answer.

QUESTION 13
Which P0WER8 feature can provide increased system performance?

A. TPMD (Thermal Power Management Device)
B. CAPI
C. POWER7 processor mode
D. Energy Scale Technology

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
A client is considering deploying an HPC workload leveraging NVIDIA's K40 GPUs on the S824L.

Which Linux distribution is supported?

A. Ubuntu
B. OpenSUSE
C. Fedora
D. Debian

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15
Which of the following describes the number and type of slots supported by each PCIe Gen3 I/O Expansion Drawer fan-out module?

A. 8 PCIe x8 slots4 PCIe x16 slots
B. 6 PCIe x8 slots6 PCIe x16 slots
C. 2 PCIe x8 slots4 PCIe x16 slots
D. 4 PCIe x8 slots2 PCIe x16 slots

Correct Answer: C

Explanation/Reference:
valid answer.

QUESTION 16
A customer has older generations of Power servers that they want to manage with their E870 server from the same 7042-CR8 HMC running V8R8.2.0.

What is the earliest Power server generation that is supported with this HMC level?

A. POWER7
B. POWER4
C. POWER5
D. POWER6

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
Which Ethernet virtualization technique supports Live Partition Mobility on POVVER8?

A. IVE/HEA
B. SEA
C. vSwitch
D. SR-IOV

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
perfect answer

QUESTION 18
Which E870 / E880 offering adds value to a POWER8 solution with IBM Cloud Orchestrator?

A. ATS (Advanced Technical Services)
B. PowerCare
C. IBM Cloud Manager with OpenStack
D. Linux

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19
Which of the following RAS features was added to the POWER8 design?

A. Processor Affinity
B. First Failure Data Capture
C. Error Correction Codes (ECC)

D. Memory Controller Replay Buffer

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
answer is fine.

QUESTION 20
Which P0WER8 processor feature was announced to deliver balanced system performance?

A. EnergyScale Technology
B. TPMD (Thermal Power Management Device)
C. Level 4 (L4) cache
D. 20 partitions per core

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Okay.

QUESTION 21
A customer is considering a Power Systems solution to provide in-memory table look-up for large volumes of unstructured data for their mobile and social applications.

Which of the following Power Systems solution editions satisfies the requirement?

A. IBM Solution for Analytics
B. IBM Data Engine for Analytics
C. IBM Data Engine for NoSQL
D. IBM BLU Acceleration

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
given answer is absolute.

QUESTION 22
Which of the following documents is designed to mitigate risk as part of the acquisition of a new E880?

A. SSIC Listing
B. TDA Checklist
C. Site Evaluation
D. Power Estimator

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
A P0WER6 customer is considering an upgrade to a new Power System, and needs to ensure availability at a DR site. The recovery point must be as close to current as possible without going to continuous

availability. Recovery time must be less than four hours.

What should be proposed to the customer?

A. Utilize a dual VIOS system to provide redundancy.
B. Utilize PowerHA to replicate the server and storage to a backup system and manage the failover.
C. Create a PowerVM configuration that has two instances of the server with Power mirrored storage.
D. Create a clustered system with a Primary and backup system using a single SAN attached storage device.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
answer is accurate.

QUESTION 24
Which feature of the POWER8 processor can be used to improve performance in a Websphere Application Server environment compared to an x86 processor?

A. Transactional Memory (TM)
B. CAPI
C. Agnostic Memory interface
D. L4 cache

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

Reference;http://whywebsphere.com/2015/02/27/ibm-websphere-application-server-beats-oracle-weblogic-with-record-specjenterprise-2010-benchmark-result-on-latest-intel-haswell-ep-processors/

QUESTION 25
A client is considering the S824L system for development of a real time financial trading application. What is required to program the accelerator?

A. CUDA
B. OpenCL
C. OPAL
D. QEMU

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Okay.

QUESTION 26
Which virtualization hypervisor provides an Open Source choice for Power virtualization with big data?

A. KVM
B. PowerVM
C. Xen
D. PowerKVM

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
agree with the answer.

QUESTION 27
What is the minimum amount of rack space that an 80 core E870, without any I/O drawers, will take up in a 19 inch rack?

A. 8U
B. 22U
C. 12U
D. 10U

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
valid answer,

QUESTION 28
In addition to higher bandwidth and lower latency of eDRAM on POWER8 over SRAM on x86, what is another compelling benefit of POWER8 technology?

A. Lower Power Consumption
B. Less costly
C. Less CPU overhead
D. Appearance of more physical Memory

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
proper answer.

QUESTION 29
A customer is purchasing a new POWER8 Server and will make a choice between PowerVM and PowerKVM.

What is an advantage of PowerVM over PowerKVM?

A. NPIV support
B. M R-IOV support
C. Memory Deduplication
D. Micro Threading

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
Which of the following is a design consideration for the E870 / E880?

A. The integrated SAS controllers in the system nodes manage all six SAS bays in the system node.
B. A DVD drive must be included in either the system control unit or in a system node.
C. Only low profile PCIe adapters are supported in the system node.
D. Each system node has eight PCI Gen3 slots which are a mix of x8 and x16 PCIe slots.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
What primary advantage does Integrated Facility for Linux (IFL) provide for the customer?

A. PowerKVM is included with IFLs
B. Accelerated Linux performance
C. Lower system software prices
D. Lower hardware maintenance charges

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
References:

QUESTION 32
Which of the following RAS features is always enabled and functional on an E870 / E880, regardless of configuration?

A. System auto-restart
B. Dynamic Memory Sparing
C. Dynamic Processor Sparing
D. Processor Instruction Retry

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33
When connecting a 12 slot PCIe Gen3 I/O Expansion drawer, how many CXP adapters are required?

A. 1
B. 4
C. 2
D. 3

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34

Which hardware can be moved from a 770 to an E870 when doing a migration?

A. PCIe 5802/5877 I/O drawer
B. EXP24S SFF Gen2-bay drawer
C. Memory DIMMs
D. EXP30SSD I/O drawer

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
proper answer.

QUESTION 35
A customer decided to install an IBM i LPAR on an E870, which hosts AIX and VIOS partitions. The server does not contain a DVD Unit (#5771).

What is the least expensive option to install an IBM i operating system?

A. Install an IBM i partition using the existing NIM server.
B. Use the internal tape device to load IBM i.
C. Configure a vSCSI adapter and use the Virtual Media Repository.
D. Attach an external DVD drive via the USB port in front of the System Control Unit

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
answer is acceptable.

QUESTION 36
A customer has a tape drive directly connected to a 8Gb FC adapter to one LPAR which now needs to be shared between four LPARs. Network and storage are being accessed through NPiV and SEA.

In addition to assigning the adapter to the VIOS, what else needs to be done?

A. Reassign the tape to client LPARs as needed.
B. Assign the tape drive to the partitions.
C. Complete the NPIV connectivity and map the tape to client partitions.
D. Complete the vSCSI connectivity and map the tape to client partitions.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
appropriate answer.

QUESTION 37
Which of the following is the complete set of modes that can be configured on a POWER8 processor?

A. POWER5, POWER6, POWER7, and POWER8
B. POWERS, POWER6+, POWER7, and POWER8
C. POWERS, POWER6+, POWER7, POWER7+, and POWER8
D. POWER7, POWER7+, and POWER8

Correct Answer: D

QUESTION 38
Which component of IBM Cloud Manager with OpenStack allows clients to automate how they build, deploy, and manage their infrastructure?

A. Chef
B. Nova
C. Neutron
D. Cinder

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
answer is superb.

QUESTION 39
In addition to an S822L, what is a component of the IBM solution for Hadoop?

A. DCS3700
B. Flash System 840
C. ESS
D. DS8870

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
answer is straight.

QUESTION 40
A managed service provider offering retail cloud services on E870 with DS8870 storage would like to use storage copy services to replicate data between a primary and secondary data center located 200 miles (322 km) apart.

Which product is required?

A. FlashCopy
B. Metro Mirror
C. Global Mirror
D. Snapshot

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
exact answer.

QUESTION 41
A customer wants to provide storage to 16 partitions on a new E880. Each partition requires at least 10 individual LUNs. The customer has strong skills with SAN administration, but only moderate skills with VIO Server.

Which technology is the best recommendation based on the customer skill set?

A. SVC
B. NPIV
C. vSCSI
D. MPIO

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
answer is authenticated.