

ActualTest.C4040-251_63,QA

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ACTUALTEST

IBM C4040-251

Power Systems with POWER8 Scale-out Technical

Sales Skills V1



This VCE covers all syllabus. After preparing it anyone pass the exam in high grades.



Used the new actual test file that has been published and achieve the high scores in your exams.



Pretty much all the questions we study that no answer in doubt.

Exam A

QUESTION 1

Customer has multiple partitions running applications. Due to the user's different regions, each district will have a lot of memory requirements in the different times of day .

Which memory technology can be used to best achieve dynamic shared memory between logical partitions ?

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

Customers to migrate to the 6-core Power6 520 S814, Which backplane RAID 5 provides the best performance ?

- A. detachable back with 6 + 6 SFF-3 bracket and the second SAS controller
- B. with (12) SFF-3 bracket and integrated SAS storage controller backplane
- C. with (18) SFF-3 bracket and dual SAS controllers and write cache storage backplane
- D. detachable back with PCIe3 12GB Cache RAID SAS adapter and EXP24S of

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 3

Which technology provides virtual machine dedicated virtual resources, improve QoS, remove the I / O virtualization load ?

- A. PowerVM
- B. CNA (converged network adapters)

- C. FCoE (Fiber Ethernet protocol run)
- D. SR-IOV (single point of management I / O virtualization)

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

answer is valid.

QUESTION 4

Compared with 720 quad-core , four -core S814 What added to the standard features to improve RAS capabilities ?

- A. RAID 0
- B. Chipkill Memory
- C. Support PCIe Hot
- D. alternate processor recovery (Alternate Processor Recovery)

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

In addition to the media slot , S824 GEC also integrates Which of the following ?

- A. (6) USB port
- B. (10) Gb HMC port
- C. an RDX module
- D. a half-height LTO drive slot

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 6

Which of the following features are unique to PowerKVM ?

- A. vTPM
- B. SR-IOV
- C. Support Ubuntu
- D. Factory Integration Linux

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 7

Customers have a server using IVM as a logical partition management . They want to implement PowerVC.

Which PowerVC versions to meet the requirements ?

- A. PowerVC Entry
- B. PowerVC Express
- C. PowerVC Standard
- D. PowerUC Enterprise

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

SAN team hopes customers will easily be able to map each LUN to a specific WWPN for each client logical partition on the Power8 server.

Which technology should be implemented to meet the requirements ?

- A. SAS
- B. NPIV
- C. iSCSI

D. vSCSI

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 9

Dynamic partition migration , the following is required ?

- A. PowerVM Enterprise Edition
SAN disk system
Virtual Ethernet
- B. dedicated processor
PowerVM Enterprise Edition
Virtual Ethernet
- C. dual VIO server
PowerVM Enterprise Edition
SAN attached disk
Two virtual processors
- D. dedicated processor
Dual VIO server
SAN disk system
Virtual Ethernet

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 10

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Customers expect their virtual environment network and storage I / O traffic will be very large . They are interested in the I / O load separation. They also hope to be in the case of the VIO server without downtime for maintenance.

Which option to meet the requirements ?

- A. (2) VIO servers , each handling a part of the flow
- B. (4) VIO servers , each handling a part of the flow
- C. (4) VIO server , wherein two processing network , handling two storage
- D. (2) VIO server , wherein a processing network , a processing memory

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 11

Easy Tier feature on what support S822?

- A. (8) drives and a split backplane
- B. (12) drives and a split backplane
- C. (12) drive , do not split backplane
- D. (8) SAS drives and an auxiliary controller

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

What is a characteristic of virtualizing workloads?

- A. Processors are virtualized per core.
- B. Greater virtualization reduces the costof workloads.
- C. Resources must be shared or dedicated.
- D. Greatervirtualization increases the cost of computing

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 13

A customer wants to save on IBM i licensing costs:

- They have three configurable processors and one IBM i license.
- LPAR1 is running IBM i with .5 CPU
- LPAR2 is running IBM i with .5 CPU
- LPAR3 is running AIX with 1 CPU
- All of the LPARs are uncapped.
- They want to limit the IBM i LPARs to using one core.

How can the customer enforce the limit and save on their IBM i licensing costs?

- A. Put the IBM i LPARs in a shared processor pool with one core.
- B. Put the AIX LPAR in a shared processor pool with one core.
- C. Set the entitlement of each IBM i LPAR to "one"
- D. Change the AIX partition to have .5 CPU entitlement.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 14

Which of the following Linux distributions supports Little Endian (LE) on POWER5 processor- based?

- A. RHEL5
- B. SLES 11
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- C. RHEL6
- D. Ubuntu 14

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

<http://www-01.ibm.com/support/knowledgecenter/linuxonibm/liaam/liaamdistros.htm>

QUESTION 15

What benefit does the CAP I feature of POWER8 provide?

- A. The ability to attach accelerators that have shared memory access that is coherent with the system's processors.
- B. An implementation of AME on a hardware accelerator.
- C. The ability to dispatch multiple virtual machines on a single core at the same time.
- D. An alternative to memory lock base synchronization.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 16

A customer wants to run seven AIX 7.1 partitions in a virtualized environment. The server is a 20- core S822, with 128GB of memory.

Which of the following I/O adapter combinations satisfies the requirement?

- A. (4)PCIe4-port 1GbE
(4) PCIg-4x 2-port 8Gb Fibre Channel
- B. (4) PCIe4-port 1GbE
(4) PCIe LP 8Gb 2-port Fibre Channel
- C. (4) PCIe-2 LP 4-port 1 GbE
(4) PCIe-2 LP 8Gb 2-port Fibre Channel
- D. (4) PCIe LP 4-port 1 GbE
(4) PCIe-4x2-port 8Gb Fibre Channel

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

Which of the following is open source software that hosts the virtual machines on a KVM hypervisor?

- A. QEMU
- B. OPAL
- C. PHYP
- D. CAPI

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 18

A customer wants to show workloads in real time, highlighting possible problems or bottlenecks.

What will satisfy the requirement?

- A. System Director
- B. PowerVC
- C. PowerVP
- D. PowerSC

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 19

A customer is ordering a 4-core S814 with the following partitions:

- An IBM i partition capped at 1.0 processors
- A second IBM i partition capped at 0.5 processors, running a Web Sphere application.
- An AIX partition capped at 0.5 processors.
- A Linux partition capped at 0.5 processors.

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How many Web Sphere licenses are required to support this configuration?

- A. 4.0
- B. 1.0
- C. 30
- D. 2.0

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 20

A customer wants to have an AIX Power HA cluster span two sites separated by 100 kilometers.

Which option will span the two sites?

- A. PowerHA SystemMirror Standard Edition
- B. PowerHA SystemMirror Enterprise Edition
- C. PowerHA Smart Assists
- D. PowerHA Cluster Aware AIX

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

answer is verified.

QUESTION 21

A customer would like a Scale-out server solution with eight cores. They require three partitions. Each partition needs redundant LAN and SAN adapters.

Which solution supports the minimum requirement?

- A. (2) 146GB disk drives
(2) 4-port LAN
(2) 4-port SAN adapters
- B. (6) 146GB disk drives
(6) 4-port LAN
(6) 4-port SAN adapters

- C. 14) 146GB disk drives
 - (4) 4-port LAN
 - (4) 4-port SAN adaptersReal 5
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 - (2) VIO Servers
- D. (2) 146GB disk drives
 - (2) 4-port LAN
 - (2) 4-port SAN adapters(1) VIO Server

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 22

A customer has a 4-node cluster serving a few different applications. The storage requirements are not clearly defined and would be very unpredictable.

How would shared storage pools benefit this customer?

- A. They reduce the total required storage by half.
- B. They eliminate the need for multiple repository disks.
- C. They reduce I/O bandwidth by sharing the LUNs.
- D. They reduce the time and effort needed to allocate storage.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 23

A customer is considering a fully-virtualized infrastructure to be built on Power Systems.

Which capability would allow storage virtualization, and reduce the effort of adding storage to client partitions for the Power system administrator?

- A. vSCSI

- B. NPIV
- C. SSP
- D. SR-IOV

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

A customer needs a new server for their database currently running on a 16-core POWER7 4.1 GHz based server. Oracle has informed the customer that their SPARC T5 based servers are best suited for running databases, because the SPARC T5 has eight threads per core, while the current servers only allow for up to four threads per core.

Which of the following statements could be correctly used to repudiate the Oracle claim?

- A. Databases are mostly single-threaded workloads. Scale-out POWER7 servers have higher clock speeds and can scale to more cores than SPARC T5 servers.
- B. Oracle T5 Servers are engineered to run Oracle workloads faster. Non-Oracle workloads will run slower on their hardware due to the amount of threads.
- C. More threads will implicate more licensing for the database software. Less threaded processors provide a better TCO by reducing the licensing.
- D. The number of threads cannot guarantee better performance. Servers based on POWER7 have better per core performance in benchmarks when compared to SPARC T5 based servers.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 25

The Payment Card Industry Data Security Standard (PCI DSS) has the following requirements to meet compliance:

- "Secure audit trails so they cannot be altered."
- "Verify that current audit trail files are protected from unauthorized modifications via access control mechanisms, physical segregation, and network segregation."

Which Power SC offering will support these requirements?

- A. Trusted Network Connect
- B. Trusted Logging
- C. Trusted Audit
- D. Trusted Surveyor

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 26

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What supports the Easy Tier function for an S822?

- A. (8) drives with a split backplane
- B. (12) drives with a split backplane
- C. (8) drives with a second SAS controller
- D. (12) drives without split backplane

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

<http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=an&subtype=ca&appname=gpatteam&supplier=897&letternum=ENUS114->

QUESTION 27

A client needs to analyze data in motion in order to be able to respond to millions of events as they happen per second.

Which offering will satisfy their requirement?

- A. IBM Infosphere Master Data Management
- B. IBM Infosphere Big Insights
- C. IBM Infosphere Clinical Analytics
- D. IBM Infosphere Streams

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 28

What provides a comparison of Power Systems to competitors for applications?

- A. SPECint
 - B. RPE2
 - C. SPECfp
 - D. TPM
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Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 29

A customer is setting up two new partitions where IBM i is hosting the storage. The customer's high priority is to complete the backups to physical tape as fast as possible, while automating the movement of the single tape library between the partitions. Tape library functions are needed for the backup.

Which combination of storage virtualization will achieve the customer's backup priority?"

- A. One very large virtual disk unit sized to fit the partition with a virtual iSCSI interface to the tape library.
- B. Virtual disk units sized to provide 10 disk units, with the tape and DVD virtualized by IBM i.
- C. Larger virtual disk units and a SAS adapter on each partition, with dual SAS adapter on the tapelibrary.
- D. At least six virtual disk units with the tape drive virtualized with VIO Server and NPIV

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 30

A customer with IBM i and AIX platforms wants to take advantage of a recently acquired XIV Storage System, TS3500 and POWERS system. They are planning to implement 10 LPARs and need to have access to the tape library for SAN backups. The customer also wants to minimize the downtime by VIO Server maintenance.

Which option will satisfy their requirements?

- A. (1)VIO Server, LPARs using SSP for disks, and NPIV for tape library
- B. (2) VIO Servers,All LPARs using NPIVvirtualization
- C. (2) VIO Servers,LPARs using vSCSI for disks, and NPIV for tape library
- D. (1) VIO Server, LPARs using vSCSI for disks, and NPIV for tape library Manage the VIOserver updates with alternate disk update method

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

An AIX customer wants to be sure they can update their SAN multipath drivers with a minimal amount of risk, while still being able to perform Live Partition Mobility operations.

Which disk connectivity technology supports these requirements?

- A. NPIV
- B. iSCSI
- C. SAS
- D. vSCSI

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

answer is up-to-date.

QUESTION 32

A customer running AIX wants to run DB2 on a new S824 server with uncapped partitions. The customer has licensed DB2 for 15 of the 24 active cores

and will use it in multiple partitions.

How can the customer ensure that DB2 does not exceed the number of licenses purchased?

- A. Create 15 shared processor pools for the DB2 partitions.
- B. Limit the number of virtual processors on each DB2 partition to 15.
- C. Use partitions that cannot use more processor capacity than its assigned processing capacity for the DB2 partitions.
- D. Use a 15-core shared processor pool for the DB2 partitions.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

A customer wants to consolidate AIX, Linux and IBM i workloads. They are also thinking about Analytic applications and a small-to-mid-size database.

Which of the following servers satisfies the customer's requirements?

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- A. S822L
- B. S822
- C. S812
- D. S824

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

A customer wants to move from an IBM Power 740 to an IBM Power S824.

The 740 contains:

- (4) disks in the CEC
- (10) disks in a FC #5802 (I/O drawer with disks)
- (12) disks in a EXP12S
- (24) disks in a EXP24S How many disks can be reused with the S824'?

How many disks can be reused with the S824?

- A. 14
- B. 38
- C. 28
- D. 24

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

A customer wants to install a POWER8 tower system at a remote site. The system will run Red Hat Linux.

Which system is the best option for the requirement?

- A. S812L
- B. S822L
- C. S824
- D. S814

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Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

A customer would like to consolidate their five AIX servers to one S822 server, in a virtual environment with two VIO Servers for boot drives.

What is the minimum requirement?

- A. IVM
- B. ASMI
- C. PuTTY
- D. HMC

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

What is the main function of the POWER8 CAPI feature?

- A. It improves memory bandwidth.
- B. It improves cache coherency.
- C. It increases the clock frequency speed.
- D. It connects auxiliary processors such as GPUs.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

What does the numeral "4" represent in a model S824?

- A. The number of power supplies
- B. The number of installed cores
- C. The number of PCIe slots
- D. The number of rack EIA units.

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Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 39

A customer wants to use SAN Flash Copy with Geographic Mirroring to synchronize an IBM i application between two sites. It is required that the application can be halted and moved to the remote system without disrupting other applications.

Which of the following describes a required application characteristic to support these requirements?

- A. The application code and data must reside in an IBM i user Auxiliary Storage Pool (ASP).
- B. All the application data objects must be defined to remote journaling.
- C. The application code and data must reside in the IBM i system Auxiliary Storage Pool (ASP).
- D. The application code and data must reside in an IBM i Independent Auxiliary Storage Pool (ASP).

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 40

Which of the following RAS features, previously available only on POWER 7+ midrange and enterprise systems is now available on POWER8 scale-out servers?

- A. Active Memory Mirroring, which maintains two identical copies of the Power Hypervisor in memory at all times.
- B. A redundant Service Processor with the ability to dynamically fail over from the primary service processor to a secondary for solid service processor fault.
- C. An on-chip controller on the processor module, which handles Power Management and Thermal Monitoring without a need for a separate controller.
- D. Active Memory Sharing, which can be exploited to increase memory utilization on the system by decreasing the system memory requirement.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

What virtualization management solution will allow a customer to implement Ubuntu, Red Hat and SUSE distributions on POWER8 scale-out servers?

- A. PowerKVM
- B. PowerVC
- C. PowerVM
- D. Linux on Power (LoP)

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 42

Which power option is provided with the S822?

- A. (1)1400 Watt 200-240 Volt
- B. (2) 1400 Watt 200-240 Volt
- C. (2)1400 Watt 125-240 Volt
- D. (1)1400 Watt 125-240 Volt

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 43

A customer will be consolidating a number of IBM i and AIX partitions from several older servers onto an existing S824. These partitions are parts of various operating groups within the customer and require connectivity to various private networks and network redundancy. The server utilizes SAN Storage and dual VIO Server partitions.

Which solution satisfies the customer's requirements?

- A. Add two additional VIO Server partitions each with a quad port Ethernet card. Create an SEA in Real 19 IBM C4040-251 Exam VIO Server to each port of the Ethernet card. Configure virtual Ethernet connections to the VIO Server partitions for each SEA with one flagged priority

- B. Utilize two of the IBM i Partitions to bridge to the outside Attach a quad port Ethernet IOA to each partition and bridge the ports to internal VLANs needed by the guest partitions.
- C. Add two SR-IOV capable Ethernet adapters.
Allocate each of them to the partitions and create the connections to the correct VLANs as needed.
- D. In the existing VIO Server partitions, add a quad port Ethernet card. Create an SEA in VIOS to each port of the Ethernet card. Configure virtual Ethernet connections to the VIO Server partitions for each SEA with one flagged priority.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 44

A client is considering hardware platforms for their Hadoop implementation.

Which of the following is an advantage of a Power Systems solution over an x86 solution for then implementation?

- A. Support for two copies of data
- B. Support for the Hadoop File Placement Optimizer
- C. Support for IBM Elastic Storage
- D. Built-in High Speed Cluster Interconnect

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 45

As compared to POWER7/7+, what feature of POWER8 processor technology enables more efficient processor utilization in support of highly threaded applications?

- A. Decimal floating point execution
- B. Simultaneous Multi-Threading
- C. Out of order execution
- D. Single precision floating point
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Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 46

A customer currently is running a POWER7 6-core 720 with 3 IBM i cores for production, and utilizing Power HA to a POWER6 2-core server as their backup machine.

The production machine also has unlimited users, IBM i Access users, SQL, and ILE Compilers. They are only using the backup machine to do backups, but it is not a CBU; it has only one IBM i and one licensed Power HA core.

The customer wants the backup server to have the same capacity as the production server so it can be a true high availability server.

Which of the following is the correct course of action at the least cost?

- A. Upgrade the POWER6 to a POWER7.
Add two additional IBM i and PowerHA Licenses, IBM i and IBM i Access users SQL and ILE Compilers
- B. Upgrade both servers to POWER8 and transfer all the software to the new POWER8 servers.
- C. Purchase a new POWER8 to replace the POWER6 server and transfer the software from the POWER6. Designate the POWER8 as a CBU to the POWER7.
- D. Purchase two new POWER8 servers designating one of them as a CBU.
Transfer all the software from the POWER7 to one of the POWER8 servers and all the IBM i and PowerHA software from the POWER6 to the other POWER8 server.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

What is the number of threads that can be processed for maximum throughput on a POWER8 core?

- A. 12
- B. 4

- C. 8
 - D. 2
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Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 48

Which of the following statements correctly describes a difference between the S814 and S824?

- A. The S814 is a tower server and the S824 can be either a tower or rackmounted server
- B. The S814 has one socket and the S824 has up to two sockets
- C. The S814 can have one or two sockets and the S824 has four sockets.
- D. The S814 uses 1U of rack space andthe S824 uses 2U of rack space.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 49

A customer is ordering a 4-core S814 with the following partitions. The default processor pool will be used.

- An IBM i partition capped at 1.0 processors.
- A second IBM i partition capped at 0.5 processors.
- An AIX partition capped at 0.5 processors.
- A Linux partition capped at 0 5 processors.

How many IBM i processor licenses are required to support this configuration?

- A. 3.0
- B. 2.0
- C. 1.0
- D. 4.0

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

A customer needs faster response time from their database server and is considering purchasing POWERS. They are familiar with Easy Tier, and have heard that they can use it locally on some

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servers.

Which feature(s) would enable this function?

- A. Enhanced backplane (EJOP)
- B. Standard backplane (EJON)
- C. Enhanced backplane (EJOP) with the Split backplane feature (EJOS)
- D. Standard backplane (EJON) with optional SSD cage (EJTM)

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

answer is well modified.

QUESTION 51

How can system software charges be reduced when migrating from POWER6 to a POWER8 Scale-out server?

- A. Only activate the necessary cores.
- B. Select the per-socket licensing model.
- C. Configure the system with POWER8 Dual-Core Modules (DCM)
- D. Disable all un-needed cores with Processor Deconfiguration.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

A large manufacturer wants to consolidate their existing AIX and Linux environments to POWER8. The customer has four AIX servers and twelve Ubuntu servers.

Which solution will satisfy the requirements?

- A. (1) S822L with PowerKVM
- B. (1)S822 with PowerVM and (1)S822L with PowerKVM
- C. (1) S822L with PowerVM
- D. (1) S822 with PowerVM and PowerKVM

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 53

A customer is interested in migrating Little Endian (LE) Linux workloads to POWER8 servers running Power KVM.

Which Linux distribution will satisfy the requirement?

- A. Ubuntu
- B. RedHat
- C. CentOS
- D. SUSE

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 54

A customer with POWER8 processor-based systems needs an application server that supports environments from single server and medium-sized

configurations, to large deployments requiring tier clustering over multiple application server instances.

Which IBM product family will satisfy the customer's requirements?

- A. Rational
- B. WebSphere
- C. Information Management
- D. Cognos

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 55

A customer will be using an S822L and Power KVM. They want to know how they will attach a console to their machine over the network during installation.

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Which console solution should they use?

- A. Virsh
- B. HMC
- C. IVM
- D. SOL

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 56

An AIX customer is running AIX 5.3 on a POWER7 machine and wants to run this workload on a POWER8 server without upgrading their operating system.

What is their best option to migrate their workload?

- A. PowerHA failover
- B. Live Partition Mobility
- C. PowerVC
- D. Versioned WPAR

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 57

Which of the following is a stand-alone offering in the Power SC family, that provides a consolidated view of the virtual data center VM network isolation landscape?

- A. Real-time Compliance Management
- B. Trusted Surveyor
- C. Trusted Firewall
- D. Trusted Network Connect

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

A customer wants to be able to automatically failover their Power System nodes that are running AIX in the event of a disaster. The customer will place the servers in No data centers that are in different geographies

Which IBM product will satisfy the customer's requirement?

- A. IBM Metro Mirror
- B. PowerHA SystemMirror for AIX Enterprise Edition
- C. Geographic Logical Volume Manager
- D. General Parallel File System (GPFS)

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 59

An AIX customer plans to boot their LPARs from the SAN and wants the ability to easily update multipathing software in their VIO Server clients.

Which disk option should be used for their rootvg?

- A. NPIV
- B. vSCSI
- C. NFS
- D. iSCSI

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

answer is corrected.

QUESTION 60

What is required to implement Live Partition Mobility (LPM)?

- A. The source and destination servers should access the same fabrics.
 - B. The source and destination servers should be managed by the same HMC.
 - C. The source and destination servers must have the same quantity of Virtual I/O Servers.
 - D. All LPARs should have the same vendor Storage Subsystem Real 26
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Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 61

There are 20 partitions on the customer's Power8 system , want to allocate additional storage from non- IBM SAN to each partition. License fees for all partitions drivers and multi-path software beyond the current budget.

Which one of the following technologies will meet their demands in the budget ?

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 62

Customers want to have a mix of the S824 SSD and HDD, using the extended functions (18 disks) backplane (EJOP), and do not want to use the Easy Tier feature.

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How to achieve ?

- A. Use RAID 5T2 configure all drives.
- B. on SSD and HDD ARRAY different configurations.
- C. The SSD installed in EJTM 8-Bay 1.8 SSD cage.
- D. Use backplane isolation, and put on the back side of the SSD , HDD on the other side .

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 63

A customer interest in the PostgreSQL server workloads to Power8 , but more concerned about the cost .

Compared with x86 servers , which system of pricing the most competitive ?

- A. S822
- B. S814
- C. S824L
- D. S812L

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation: