IBM 000-331

000-331 Power Systems Sales for AIX and Linux

Practice Test

Version 2.1

QUESTION NO: 1

Which of the following properly describe the 4-port Ethernet PCI adapter card used in IBM Power Systems servers?

A. A single physical connection with four virtual MACadresses
B. The four Ethernet connections on the card share a common PCI bus
C. A single connection provides the virtual bandwidth of four Ethernet cards
D. Four separate LPARs can each use a port on the 4-port Ethernet PCI adapter card

Answer: B

QUESTION NO: 2

A customer with several older pSeries servers plans to consolidate to a single Power Systems server. Which of the following tools can provide output that can merged with Work Load Estimator to size the upgrade based on utilization and growth trends?

A. Insight manager
B. System Planning Tool
C. Tivoli capacity Planner
D. Electronic Service Agent

Answer: B

QUESTION NO: 3

A distribution company is running Oracle 9i and Solaris on a SUN E10K. The prospect wants to upgrade their technology and lower their TCO. Which of the following is the first thing the sales representative should do to move them to a POWER6 solution?

A. Conduct an Oracle SAR
B. Offer a proof of concept system
C. Engage the IBM Migration Factory team
D. Determine if funding and skills are available

Answer: D

QUESTION NO: 4

A Power Systems sales representative has a meeting with CIO of telecommunications company. They have twenty POWER4 systems now. They have ample budget for the new POWER6

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systems. They want to move very quickly into virtualization and are anxious to order additional servers. The customer must be in production within 90 days. Which of following is the key challenge for this opportunity?

A. Adequate funding
B. Business problem
C. Project management
D. Software requirements

Answer: C

QUESTION NO: 5

A Power Systems sales representative has a meeting with the I/S Director of large company with twenty HP Superdome systems. They plan to move their applications to IBM POWER6 servers and have ample budget. Which of the following is key for the sales representative to identify?

A. Space requirements
B. Software requirements
C. POWER6 energy requirements
D. Project timing requirements

Answer: B

QUESTION NO: 6

A Power Systems sales representative has had several meetings with CIO of a large company. They have mixture of SUN and IBM servers now. The CEO has a long term relationship with the SUN representative. They have ample budget to refresh all the systems. Which of the following is key for the sales representative to identify?

A. Business problem
B. Software requirements
C. Decision-maker and process
D. Project timing requirements

Answer: C

QUESTION NO: 7

A customer requires the maximum memory per processor on a Power Blade that supports partition mobility. Which Blade server meets these requirements?

A. JS12

B. JS20

C. JS21

D. JS22

Answer: A

QUESTION NO: 8

A customer plans to consolidate several web applications whose workloads change frequently. Upper management is very concerned about data security between applications but is very cost conscious. Which of the following will best meet their requirements?

A. IVM

B. VIOS

C. DLPAR

D. Partition Mobility

Answer: C

QUESTION NO: 9

A customer is concerned that if several systems are consolidated on a single Power Systems server, the administration costs will not go down. Which virtualization feature should be discussed to minimize this concern?

A. Virtual LAN (VLAN)

B. Virtual I/O Server (VIOS)

C. Dynamic Logical Partition (DLPAR)

D. Simultaneous Multi-threading (SMT)

Answer: C

QUESTION NO: 10

A POWER6 server customer plans to implement 2 micro partitions (one Linux, one AIX) to be managed by an exicting HMC on a 520 server. Which of the following is the minimum version of PowerVM Edition to meet this need?

A. Entry

B. Express

C. Standard

D. Enterprise

Answer: C

QUESTION NO: 11

A POWER6 server customer plans to implement a four core Blade server with three logical partitions to separate three critical applications. Which of the following meets these needs?

A. JS22 andPowerVM Express Edition

B. JS12 andPowerVM Express Edition

C. JS12 andPowerVM Standard Edition

D. JS22 andPowerVM Standard Edition

Answer: D

QUESTION NO: 12

A Power Systems customer must now combine several systems into one system with minimal cost outlay due to budget cuts. The customer wants to purchase an entry level System p server with three partitions. Which IBM capability will be needed to accomplish this consolidation for the least cost?

A. APV with IVM

B. APV with an HMC

C. DLPAR using internal disks for hardware isolation

D. DLPAR using two I/O drawers for partition isolation

Answer: A

QUESTION NO: 13

A large company has several underutilized servers and is considering options to consolidate. This business has many large database servers, application server, and a test and development environment. Which of the following directly impacts the financial justification for this paln?

A. Reduce test and development time

B. Improved support for user group

C. Reduction in softwarelisensing cost

D. Increasedperfomance of server workloads

Answer: C

QUESTION NO: 14

A company going through business recovery is refreshing non-IBM servers. What is the most complete selling point to replace the existing servers twith the new generation of Power Systems servers?

A. Virtualization feature
B. Industry leadingperfomance
C. Improved total cost ofowership
D. Ability to runmuliple operating systems

Answer: C

QUESTION NO: 15

A local Power Systems server customer requires 24x7 availability for one mission critical web application. They have two servers in single location. Which of the following features support this project?

A. HACMP
B. PowerVM Lx86
C. PowerVM Application Mobility
D. PowerVM Live Partition Mobility

Answer: A

Explanation:
HACMP V5.4.1 helps protect critical business applications from outages. For over a decade, HACMP has been providing reliable monitoring, failure detection, and automated failover for 24 x 7 business application
environments . The optional HACMP Extended Distance (HACMP/XD) feature adds unlimited distance data mirroring and recovery solutions for critical business needs; the optional HACMP Smart Assist feature helps you easily deploy high availability into your critical applications.

QUESTION NO: 16

A local Power Systems server prospect requires four logical partitions (two Linux, one AIX, one IBM i). They only plan for a single Blade with four cores. Which of the following technically describes the required configuration?

A. JS12 withPowerVM Express

B. JS22 withPowerVM Express

C. JS12 withPowerVM Standard

D. JS22 withPowerVM Standard

Answer: D

QUESTION NO: 17

A large financial services company would like to have a disaster recovery system for their production environment that handles daily processing. What type of server solution should be discussed to accomplish these objectives?

A. FlashCopy

B. Partition Mobility

C. CBU (CapacityBackUp)

D. Application Mobility in WPARs

Answer: C

QUESTION NO: 18

The IBM BladeCenter JS22 bale server offers significant improvements in perfomance and reliability over the previous generation JS21 blade server. Which chip is used to provide three times the perfomance over the JS21 blade?

A. IBM POWER6 Dual Core

B. IBM POWER5+ Dual Core

C. IBM POWER5+ Quad Core

D. IBM PowerPC 970MP Dual Core

Answer: A

QUESTION NO: 19

A customer has three JS22 Express Blades. They plan to try virtualization but are concerned about the cost. Which of the following describes the cost?

A. PowerVM Enterprise Edition allows a 90 day trial free of charge

B. They require a minimum SWMA contract forPowerVM Standard Edition

C. They can implementPowerVM for a monthly per core charge plus SWMA

D. PowerVM Express Edition is a no charge feature and allows up to fthree logical partitions

Answer: B

QUESTION NO: 20

A customer asks the sales representative to describe Live Partition Mobility. The customer has an install base of several POWER6servers. Which of the following describes that feature?

A. Live Partition Mobility allows moving a running partition to a second server without downtime
B. Live Partition Mobilityallowa movement of a partition between a failed server to a new target server C. Live Partition Mobility allows moving partitions between machines and requires a restart of target server D. Live Partition Mobility allows any running application to move to a server not on the same SAN without downtime

Answer: A

Explanation:
Live Partition Mobiity
Live Partition Mobility, offered as part of IBM PowerVM Enterprise Edition can be of significant value in an overall availability plan. Live Partition Mobility allows clients to move a running partition from one physical POWER6 processor-based server to another POWER6 processor-based server without application downtime.

QUESTION NO: 21

A manufacturer has been considering the HP Superdome and the Power 570. The HP rep claims the Superdome has all the same RAS capabilities as the IBM system. Which RAS capability should the IBM rep discuss to refute HP's claim?

A. Chipkill Memory
B. CPUDeallocation
C. Automatic PCIbus retry
D. First Failure Data Capture

Answer: D

Explanation:
POWER processor-based systems have long been known for mainframe-inspired reliability, availability, and serviceability (RAS) features such as First Failure Data Capture . We have extended that capability with the introduction of the POWER6 processor-based servers to include Processor Instruction Retry, Alternate Processor Recovery, and Live Partition Mobility. These features are designed to help enable you to eliminate all systems related planned outages. If you