



Exam : IBM 000-331

**Title : Power Systems Sales for AIX and
Linux**

Update : Demo

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

- A. A single physical connection with four virtual MAC addresses
- 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

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 be 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

3. A distribution company is running Oracle 9i and Solaris 8 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

4. A Power Systems sales representative has a meeting with the CIO of a telecommunications company. They have twenty POWER4 systems now. They have ample budget for the new POWER6 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 the following is the key challenge for this opportunity?

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

Answer: C

5. A Power Systems sales representative has a meeting with the I/S Director of a 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

6. A Power Systems sales representative has had several meetings with the CIO of a large company. They have a 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

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

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

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

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

A. Entry

B. Express

C. Standard

D. Enterprise

Answer: C

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 and PowerVM Express Edition
- B. JS12 and PowerVM Express Edition
- C. JS12 and PowerVM Standard Edition
- D. JS22 and PowerVM Standard Edition

Answer: D

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

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

- A. Reduce test and development time
- B. Improved support for user groups
- C. Reduction in software licensing costs
- D. Increased performance of server workloads

Answer: C

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

- A. Virtualization features
- B. Industry leading performance
- C. Improved total cost of ownership
- D. Ability to run multiple operating systems

Answer: C

15. A local Power Systems server customer requires 24 x 7 availability for one mission critical web application. They have two servers in a 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

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

- A. JS12 with PowerVM Express
- B. JS22 with PowerVM Express
- C. JS12 with PowerVM Standard
- D. JS22 with PowerVM Standard

Answer: D

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 (Capacity BackUp)
- D. Application Mobility in WPARs

Answer: C

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

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 for PowerVM Standard Edition.
- C. They can implement PowerVM for a monthly per core charge plus SWMA.
- D. PowerVM Express Edition is a no charge feature and allows up to three logical partitions.

Answer: B

20. A customer asks the sales representative to describe Live Partition Mobility. The customer has an install base of several POWER6 servers. 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 Mobility allows 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 the target server.
- D. Live Partition Mobility allows any running application to move to a server not on the same SAN without

downtime.

Answer: A

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. CPU Deallocation
- C. Automatic PCI bus retry
- D. First Failure Data Capture

Answer: D

22. A prospective customer is concerned about investment protection of their servers. Which of the following is a key aspect of this concern?

- A. Binary compatibility between servers
- B. Hot pluggable processor and memory boards
- C. Consistent CoD features with entire family
- D. Ability to interchange features between systems

Answer: A

23. A customer wants to purchase a new Power Systems p 570 system for a new infrastructure application which requires 24x7 availability. What RAS feature will be helpful to highlight during the initial meeting with the customer?

- A. APV activation
- B. DDR2 memory DIMMs
- C. Hot swappable processors
- D. Dynamic processor deallocation

Answer: D

24. A Sun customer has recently experienced several critical processor failures. When replacing the processors, the customer was not able to recreate the problem. This has prompted a call to their local Power Systems representative. Which of the following Power Systems RAS features should the representative emphasize during the sales call?

- A. APV
- B. Service Processor
- C. Lightpath Diagnostics
- D. First Failure Data Capture

Answer: D

25. A competitive customer frequently misses deadlines while provisioning new servers. Which of the following is a major business value of using PowerVM for provisioning on Power Systems servers?

- A. Improves backup and recovery time
- B. Improves application response time
- C. Reduces the total resources required
- D. Reduces time and cost of implementation

Answer: D

26. A retail company wants to virtualize their web infrastructure onto a single server with a redundant server as backup. They are investigating two Power Systems servers versus two Sun servers. Which of the following is supported with APV and not with VMware?

- A. Mobile partitions
- B. Virtual I/O devices
- C. Ten partitions per processor
- D. Dynamic movement of processors

Answer: C

27. A retailer selling books on the internet is considering a Power System server running AIX or a Dell Xeon Windows server. Which of the following characteristics favors AIX?

- A. The AIX solution has a built in firewall.
- B. The AIX solution can share the boot devices.
- C. The AIX solution provides a more secure environment from hackers.
- D. The AIX solution provides higher performance due to processor speeds.

Answer: C

28. A Sun customer with numerous large Oracle database servers tells the Power Systems sales person that Sun's "CoolThreads" technology is a key differentiator, and that IBM does not offer comparable technology. Which of the following would be the best response to address this statement?

- A. Sun application code has to be re-compiled to support CoolThreads.
- B. IBM Active Energy Manager enables customers to manage energy consumption.
- C. CoolThreads does not use L2 cache, whereas POWER uses a large L2 and L3 cache.
- D. Simultaneous Multi-Threading (SMT), which also provides the capability to execute four threads per core.

Answer: B

29. A prospect is looking at new servers from multiple vendors, and the IT manager has become very confused about processor terminology. How does IBM describe the relationship between core, socket, and processor?

- A. Cores and processors are identical
- B. Sockets and processors are identical
- C. PowerVM makes a socket appear as a processor
- D. Multiple cores are included in a single processor

Answer: A

30. A prospect is confused by HP claims of superior network speed with ServerNet. Which of the following is the rate of throughput for Gb Ethernet?

- A. 1 gigabit per minute
- B. 1 gigabyte per minute

- C. 1000 megabits per second
- D. 1000 megabytes per second

Answer: C



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