



Exam : 000-238

Title : p5 and pSeries Technical Sales Support

Ver : 01-30-09

QUESTION 1:

An account executive is preparing for an initial one-on-one meeting with a high-level executive who recently read about POWER5 technology. The account executive needs technical assistance to prepare for the meeting. How can a pSeries technical specialist best provide assistance in this situation?

- A. Create a POWER5 technical presentation for the account executive use.
- B. Mentor the account executive with the most important POWER5 features and benefits.
- C. Attend the meeting instead of the account executive to present the POWER5 features and benefits
- D. Join the meeting via teleconference at a prescheduled time to present the POWER5 features and benefits

Answer: B

QUESTION 2:

During a presentation on the p5 machines Certkiller .com asks the pSeries technical specialist a question regarding the difference between POWER4 +AND Power5. In addition to new advanced power management, SMT, and larger L2 AND l3 CACHES IN power5. Which of the following describes some of the key improvements in power5?

- A. Micro-Partitioning support and the L3 controller is now between L2 and main memory
- B. Dynamic Partitioning support and the L3 controller is now between L2 and main memory
- C. Micro-Partitioning support and the L3 controller is no longer between L2 and main memory
- D. Dynamic Partitioning support and the L3 controller is no longer between L2 and main memory

Answer: C

QUESTION 3:

Certkiller .com needs detailed information on the internal architecture of the new p5-570. Which of the following is the most appropriate place to get this documentation?

- A. IBM sales manual
- B. IBM Redbooks Website
- C. IBM eServer p5 and pSeries Qs and As
- D. IBM eServer p5 and pSeries Facts and Features

Answer: B

QUESTION 4:

Certkiller .com has a large UNIX environment and has engaged a pSeries technical specialist to work on a solution with them. Which of the following statements would best establish UNIX credibility with a knowledgeable customer?

- A. The technical support specialist has completed a UNIX course at college.
- B. The technical specialist has supported several similar projects and has earned an IBM AIX certification.
- C. The technical support specialist's company sells \$3M of UNIX computer systems every year.
- D. The technical support specialist has sold and installed at least a dozen Apple and iSeries systems with POWER processors.

Answer: B

QUESTION 5:

A bank is interested in technology that will enhance competitiveness and flexibility in the financial trading market by harnessing the typically unused power of idle machines. The pSeries technical specialist should make Certkiller .com aware of which IBM offering?

- A. IBM Grid Toolbox
- B. IBM Capacity on Demand
- C. IBM Cluster Systems Management
- D. IBM Global Solutions Directory

Answer: A

QUESTION 6:

The pSeries technical specialist has a number of tasks to perform and does not have time to them all. It is a week before the end of quarter and the account executive all state that their individual requests are the highest priority. How should the following task list be prioritized?

1. Return a call from customer seeking compatibility information.
2. Configure three p690 servers to be ordered in two weeks.
3. Prepare a POWER5 presentation to give to CertKiller.com in two weeks.
4. Configure three p690 servers to be ordered this quarter.

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

Answer: A

QUESTION 7:

Certkiller .com is evaluating an IBM commercial solution against a 16-way rx8620 Integrity (Itanium). The pSeries technical specialist should lead with which of the following IBM systems?

- A. IBM p5-570 8 way
- B. IBM p5-570 4 way
- C. IBM p5-570 2 way
- D. IBM p5-570 16 way

Answer: A

QUESTION 8:

Certkiller .com wants to run eight production partitions each with the following:

- * 07 CPU 1.65-BHz
- * 4GB of RAM
- * 2 Ethernet adapters

They do not have room for many RIO

drawers since rack space is currently scarce in their data center. They have significant unused SAN attached disk. In addition to the Advanced POWER Virtualization feature, which of the following is the minimum recommended configuration needed to meet Certkiller .com's requirements?

- A. p5-570 6-way 1.65-GHz, 32GB
- B. p5-570 8-way 1.65-GHz, 32GB
- C. p5-570 6-way 1.65-GHz, 48GB
- D. p5-570 8-way 1.65-GHz, 48GB

Answer: D

QUESTION 9:

Certkiller .com has defined their server needs as a four-LPAR 16-way p570 with 64GB of memory, four 10/100/100 TX LAN adapters, and six fiber channel adapters to external storage in an IBM ESS (Shark). They like the idea of being able to do SAN maintenance while not incurring downtime. If all LPARs are production related and similar, which question is most appropriate for the pSeries technical specialist to ask?

- A. Would 10/100 Ethernets work as well?
- B. Should there be eight fiber channel adapters?
- C. Should there be an async adapter for heartbeat?
- D. Will all LPARs need access to a common fiber channel tape drive?

Answer: B

QUESTION 10:

Certkiller .com has an 8-way p650 running an application for about 200 users. In the past, the required amount of memory and processors has increased proportionality to the number of new users.

Certkiller .com plans to increase users by 10% each year for the next years. Next year, a database will be added to the workload to support the users directly rather than being on a separate machine..

What is the most likely result of this projected growth?

- A. Disk usage will increase in proportion to memory
- B. The new database will demand much more memory
- C. Memory demand will increase 10% for the next year.
- D. Processor demand will increase about 10% for the next year.

Answer: B

QUESTION 11:

Certkiller .com is planning to migrate a financial application to a 12-way p5-570 system with 96GB of memory. The application data is stored on an ESS Model 800 attached to a p670 server with AIX 5.2. They will have a short outage window to perform the data migration. What is the quickest way to move all the data stored on the attached ESS from the p670 to the new p5-570?

- A. Use rsync to synchronize the data across servrs
- B. Use exportvg and importvg to move the data to the target system
- C. Use NFS to copy th data from the source system to the target system
- D. Backup the data from the source system and restore to the target system.

Answer: B

QUESTION 12:

Certkiller .com has several small AIX application that are expected to grow over the next several years. The biggest challenge facing Certkiller .com is determining the growth rate of the applications and the I/T requirements needed to support the growth. They are also concerned about the under-utilization of their IT resources. What should the pSeries technical specialist recommend to address this challenge?

- A. Install a p615 per application
- B. Install a p650 with AIX 5.2 and dynamic LPARs and CuoD.
- C. Install the appropriate solution once the requirements are understood.
- D. Install a POWER5 system with AIX 5.3, Advanced POWER Virtualization, and CoD.

Answer: D

QUESTION 13:

Certkiller .com is ordering a new p650 server to be placed into an existing OEM 42U 19-inch rack containing only two p630 servers. This is the first p650 in the enterprise. What is the most important question that the pSeries technical specialist should ask Certkiller .com before the order is placed?

- A. Have the PDU requirements been met?
- B. Are there sufficient KVM connections?
- C. Is there sufficient service clearance?

D. Is there sufficient space in the existing rack?

Answer: A

QUESTION 14:

Certkiller .com needs both a database and application server to communicate over a network. The new systems will be connected to the same network as the current IBM equipment with known IBM serial numbers. How could a pSeries technical specialist best determine which type of network card is appropriate, without making an additional call to Certkiller .com?

- A. Use an Inventory Service retrieval to show adapter features.
- B. Retrieve previous eConfig proposals to see what others had shown.
- C. Call the Account Executive to ask what Certkiller .com has used in the past.
- D. Query the Supportline problem record database for Certkiller .com and LAN keyword matches

Answer: A

QUESTION 15:

Certkiller .com wants a configuration for a new system that includes Reserve CoD. Which of the following systems Would be the most appropriate to configure for them?

- A. p5-550
- B. p5-520
- C. pSeries p650
- D. pSeries p630

Answer: A

QUESTION 16:

Certkiller .com has asked for a p690 system with the following requirements:

- 32 1.9ghz processors
- 128GB of memory
- 20 fiber adapters
- 7 network cards
- 10 LPARs

What is the most appropriate question to ask them in order to build the hardware configuration correctly?

- A. What version of AIX is needed?
- B. Which SWMA offering is needed?
- C. What kind of network is the system being attached to?
- D. What kind of memory should be configured on the system?

Answer: C

QUESTION 17:

Certkiller .com is adding a new p5 machine to their environment. The machine will host several DB2 partitions running AIX 5.2. They currently have two SAN directors and an IBM ESS. The SAN design allows for concurrent maintenance . What is required on each partition to attach to the SAN?

- A. a minimum of two hbaS; Certkiller .com will need to download sdd
- B. A minimum of four HBAs; Certkiller .com will need to download SDD.
- C. A minimum of two HBAs; Certkiller .com will need to configure MPIO
- D. A minimum of four HBAs; Certkiller .com will need to configure MPIO

Answer: A

QUESTION 18:

A pSeries technical specialist is configuring the network adapters for an HACMP cluster. The plan is to use a four-port Ethernet adapter with IPAT via IP aliasing for the two service IP labels. Which of the following would be a critical concern with the proposed configuration?

- A. A four-port adapter is not supported.
- B. The four-port adapter is a single point of failure.
- C. There should be a spare port for each service IP label
- D. The four-point adapter could be potential performance bottleneck.

Answer: B

QUESTION 19:

Certkiller .com has implemented several IBM AIX systems over the past several years and feels comfortable with their AIX skills. They are palnning to implement their first HACMP cluster of two p5-570s. Which of the following should be included in the IBM property?

- A. HACMP Hardware Services
- B. P5-570 differences updat
- C. HACMP SmoothStart Services
- D. AIX installation education

Answer: C

QUESTION 20:

Certkiller .com asks the pSeries technical specialist to recommend which remote access (SSH or Telnet)

method to use. What question should Certkiller .com be asked to best determine the proper recommendation?

- A. Is there a need for a PKI Management System?
- B. Is there a need for end-to-end encryption?
- C. Do they currently have a Kerberos domain in place?
- D. Which clients are installed on their desktop - SSH, Telnet or both?

Answer: B

QUESTION 21:

A state agency has recently deployed a new application on an 8-way p5-570 that is critical to the agency's operation. There is no manual method to perform the business process. The state government has just mandated that all state agencies have disaster recovery plans that allow the agencies to recover critical applications in acceptable periods of time with no loss of performance.

Based on this new business requirement, what is this agency most likely to need?

- A. HACMP and four processors for the p5-570
- B. HACMP and eight processors for the p5-570
- C. HACMP -XD and a 4-way p5-570 in a second location
- D. HACMP -XD and a 8-way p5-570 in a second location

Answer: D

QUESTION 22:

Certkiller .com has just obtained a second data center through the acquisition of a competitor. The IT Director is now seeking to merge, integrate and rebalance systems across the two data centers over the next two years. They have just deployed a high-speed point-to-point circuit between the facilities. The IT Director would like a system that could backup their AIX and Win2k servers and electronically vault the data between sites as part of their Disaster Recovery Plan. What product should the pSeries technical specialist recommend for this requirement?

- A. CSM
- B. TSM
- C. NIM
- D. Sysback

Answer: B

QUESTION 23:

Certkiller .com has many RS/6000s and POWER4 systems running different AIX applications. What should Certkiller .com do to best position themselves for the migration to POWER5?

- A. Upgrade OS to AIX 5.2
- B. Implement Micro-Partitioning
- C. Upgrade HMC to support POWER5
- D. Install Partition Load Manager

Answer: A

QUESTION 24:

Certkiller .com wants to upgrade an existing pSeries system. In addition to retrieving the IBM configuration records, what else should be done to ensure an accurate upgrade quote is provided?

- A. Request that the pSeries technical specialist provide the discount percentage to Certkiller .com.
- B. Run both eConfig and PCRS6000 to ensure that both configurations provide the same upgrade quote.
- C. Confirm with Certkiller .com that the installed inventory accurately reflects what is actually installed.
- D. Provide options to Certkiller .com so they can choose the most appropriate upgrade for their environment

Answer: C

QUESTION 25:

Certkiller .com is experiencing problems with a failed disk drive on their newly purchased p630 server. The IBM CE has replaced the disk and now the mirrored Logical Volume needs to be re-created. Certkiller .com does not have the skills to do this. There is no support contract with the solution provider but the p630 is covered under a software maintenance agreement 24/7 contract. What should the pSeries technical specialist do first?

- A. Offer to rebuild the logical volume for a fee.
- B. Offer to talk Certkiller .com through the procedure to rebuild the logical volume for a fee
- C. Suggest Certkiller .com open a call with IBM TechLine, offer to explain how the process works.
- D. Suggest Certkiller .com open a call with IBM SupportLine, offer to explain how the process works

Answer: D

QUESTION 26:

Certkiller .com purchased a p690 32-way but did not purchase additional ServiceSuite offering. They asked what type of maintenance is standard on the p690. Which of the following is the most appropriate answer?

- A. 1 year 7x24
- B. 3 years 7x24
- C. 1 year 9-5 M-F
- D. 3 years 9-5 m-f

Answer: A

QUESTION 27:

The pSeries technical specialist has been invited to briefing on the latest POWER technology as a representative of their team. What should the specialist offer to do upon return from class in order to best prepare the rest of the team for the introduction of the new technology?

- A. Archive the materials in the team's library
- B. Act as the sole technical resource for the team.
- C. Summarize the information and make it available to the team
- D. Evaluate the class and recommend attendance to other team members.

Answer: C

QUESTION 28:

A new p5 customer has just installed a partitioned p5-550 alongside some older POWER4 servers. The pSeries technical specialist has received a call to say that the existing HMC (7315) cannot connect to the new server. How can the specialist help Certkiller .com?

- A. Explain to Certkiller .com that they need an additional HMC for the POWER5 system.
- B. Obtain a PO from Certkiller .com to purchase additional serial connections to the HMC.
- C. Obtain a PO from Certkiller .com to purchase additional Ethernet connections to the HMC.
- D. Explain to Certkiller .com that they need a firmware update on the HMC to support both POWER4 and POWER5.

Answer: A

QUESTION 29:

Certkiller .com is having problems after an AIX version upgrade from 5.2 to 5.3 Which of the following should the pSeries technical specialist recommend that Certkiller .com call?

- A. IBM Techline
- B. IBM Supportline
- C. IBM Software Distribution
- D. IBM Hardware Support

Answer: B

QUESTION 30:

Due to slow response time, Certkiller .com purchased additional memory. After the memory was installed, response time was not improved. They complained to the pSeries technical specialist. Which of the following questions should be asked of this customer?

- A. Who recommended the memory purchase?
- B. Have more users been added since the memory purchase
- C. Why were additional CPUs not ordered at the same time as the memory?
- D. Did a performance analysis of peak periods show a memory bottleneck?

Answer: D

QUESTION 31:

Certkiller .com has a failing HBA adapter and needs to identify the location of the adapter. Which of the following AIX commands should the specialist recommend Certkiller .com review?

- A. rmdev
- B. chdev
- C. drslot
- D. cfgmgr

Answer: C

QUESTION 32:

A company has recently placed an order for a POWER4 + p650 server. Their facilities manager has approached the pSeries technical specialist to gather information on the correct power receptacle for the new server. They have requested ti picture of the power cord plug to show to their electrician. Where would the pSeries technical specialist find the required information?

- A. Sales Manual
- B. Announcement Letter
- C. POWER4 + p650 Specification Sheet
- D. Site and Hardware Planning Information Manual

Answer: D

QUESTION 33:

The sales team has just sold the first pSeries solution to a Windows NT customer. The team has identified concerns with a non-existent backup strategy and some workable environmental issues. In addition to these concerns, what other major concern should be considered?

- A. Customer skill level
- B. Hardware availability
- C. Lack of executive sponsorship
- D. Hardware and software compatibility

Answer: A

QUESTION 34:

Certkiller .com has an existing SP system and needs to add cards to some of the nodes. Which of the following applications must be used to configure the upgrade?

- A. MRPDPlus tool
- B. Inventory Services
- C. PCRS6000 Portable Configurator
- D. eConfig - IBM Configurator for e-Business

Answer: C

QUESTION 35:

Certkiller .com needs a new 4-way p630 with three partitions to support three AIX 5.2 applications. Each partition requires two of the following: OS boot drives, fiber adapters, and gigabit Ethernet adapter. Certkiller .com has an HMC with an available serial port. In addition to the model 6C4, which of the following is required to meet Certkiller .com's requirements?

- A. One 7311-D20 drawer
- B. Two 7311-D20 drawer
- C. Two 7311-D10 drawer
- D. One 7311-D10 drawer

Answer: B

QUESTION 36:

Upon announcement, the specific details surrounding the Virtual I/O Server requirements and performance are still being defined. Certkiller .com has engaged IBM to provide a server consolidation solution and would like to take advantage of the VIO Server benefits. How should the pSeries technical specialist best address this?

- A. Design the solution and present it confidently so Certkiller .com does not question it.
- B. Design the solution and ensure Certkiller .com understands the unknown with the new technology
- C. Explain to Certkiller .com that the VIO Server does not benefit them when doing server consolidation so it has not been configured.
- D. Explain to Certkiller .com that the details surrounding the VIO Server have not been clearly defined so designing a solution is premature.

Answer: B

QUESTION 37:

A solution provider has identified a number of risks with a configuration in Certkiller .com's request for

bid. What is the most appropriate action to take migrate those risks for Certkiller .com?

- A. Decide not to bid
- B. Provide a solution in the bid
- C. Provide a disclaimer in the bid
- D. Discuss options with Certkiller .com

Answer: D

QUESTION 38:

Certkiller .com is getting ready to install a new pSeries system into their data center. They are concerned about providing the appropriate clearance around their 7014-T42 to allow for maintenance. What reference material should the pSeries technical specialist provide to Certkiller .com?

- A. Sales Manual
- B. Announcement Letter
- C. Site and Hardware Planning Information
- D. Adapter, Devices and Cable Information for Multiple Bus System

Answer: C

QUESTION 39:

A university researcher needs a large server with high numeric computing capacity to do computational fluid dynamic calculations. The pSeries technical specialist has a recent pSeries and RS/6000 Performance Report. Which of the following tables should be consulted to advise Certkiller .com concerning relative performance of various model?

- A. rPerf
- B. ROLTP
- C. SPECfp
- D. SPECint

Answer: C

QUESTION 40:

Certkiller .com is ready to place an order for a p5-570 Express. The external storage proposed for this solution is a 1TB FASTt600 storage server. Certkiller .com now wishes to attach a SCSILTO-2 tape drive to the server to enable them to backup their data. Which of the following should the pSeries technical specialist recommend for the tape drive?

- A. Add a PCI-X Dual Channel Ultra320 SCSI Adapter (FC5712).
- B. Add a PCI-X Fiber Channel Adapter (FC 5716).
- C. Add the optional external SCSI Port Enablement Cable (FC4273)

D. Use the integrated external SCSI port on the p5-570 Express server

Answer: A

QUESTION 41:

Which of the following is the most cost effective required solution to support the boot disks internally for two partitions on a p5-520 running AIX 5.3 without the Advanced Virtualization feature?

- A. Optional 4-PACK
- B. 7311-d20 RIO DRAWER
- C. Optional 4-pack and a 7311-d20 RIO drawer
- D. Optional 4-pack attached to a PCI SCSI card

Answer: D

QUESTION 42:

Certkiller .com requires a 2-way solution now that will be the easiest and least disruptive to upgrade to a 4-way in the future. Which of the following solutions best matches these requirements?

- A. p630 2-way Active 2-way Inactive
- B. p655 2-way Active 2-way Inactive
- C. p5-520 2-way Active 2-way Inactive
- D. p5-550 2-way Active 2-way Inactive

Answer: D

QUESTION 43:

Certkiller .com's new rack contains 12xp655 servers. Certkiller .com currently has an HMC with one 128-port async adapter with a rack mounted 16-port RAN. The HMC is already attached to two pSeries p630s. What upgrades if any are needed to the HMC to support the new p655 servers?

- A. No upgrades are needed
- B. Add another 16-port RAN
- C. Add an 8-port async adapter
- D. Add an additional 128-port adapter

Answer: C

QUESTION 44:

Which of the following lists of items all require an HMC o function with POWER5?

- A. Running AIX 5.3

Implementing HACMP
Implementing Static LPAR
B. Implementing Advanced POWER Virtualization
Running Linux
Attaching RIO drawers
C. Implementing VIO server
Implementing Dynamic LPAR
Running with SMT turned "On"
D. Running AIX and Linux on the same system
Implementing CoD
Implementing Micro-Partitioning

Answer: D

QUESTION 45:

Certkiller .com has a p650 on order and plans to put in a current OEM rack. They are concerned that the p650 power supply may demand more current than the OEM PDU can provide. Which planning guide specification would provide the necessary requirements?

- A. Voltage
- B. Frequency
- C. Power Source Loading (max)
- D. Power Source Loading (typical)

Answer: C

QUESTION 46:

Certkiller .com is considering multiple options for a particular set of workloads on AIX v5.2 They need to run ten identical LPARS. Each containing four fiber cards, two 2-port Ethernet cards, and one SCSI card as well as two internal boot disks. They want the LPARS to be split across two physical system for redundancy purpose; cost is an issue. They need a total of approximately 40rperf for all ten workloads. Which of the following solutions best fits these needs?

- A. 2 X p655 1.7 ghz 8-way server (21.87 rPerf each)
- B. 2 X p670 1.5 ghz 8-way server (24.18 rPerf each)
- C. 2 X p690 1.7 ghz 8-way server (27.11 rPerf each)
- D. 2 X p650 1.45 ghz 8-way server (18.67 rPerf each)

Answer: B

QUESTION 47:

What is the reason for doing a Solution Assurance Review with Certkiller .com?

- A. To revalidate the total solution
- B. To overcome objection to the solution
- C. To review the pricing with Certkiller .com
- D. To ensure Certkiller .com has the correct application

Answer: A

QUESTION 48:

The sales team has brought in the pSeries technical specialist to recommend the best solution to win the business. Certkiller .com wants the lowest purchase cost four-disk solution using an external I/O solution. Which of the following offering provides the required base function at the lowest cost?

- A. 2104
- B. ESS800
- C. FAStT600
- D. SSA 7133

Answer: A

QUESTION 49:

Certkiller .com wants to take advantage of IBM's Micro-Partitioning capabilities for their new AIX application. The pSeries technical specialist should recommend purchasing which of the following?

- A. p5 hardware, AIX 5.2 Virtual I/O Server
- B. POWER4 hardware AIX 5.3 Virtual I/O Server
- C. p5 hardware AIX 5.3 Advanced POWER virtualization feature
- D. POWER4 hardware AIX 5.2 Advanced POWER Virtualization feature

Answer: C

QUESTION 50:

Certkiller .com has requested the most cost-effective p5 solution allowing for growth. Which of the following should the pSeries technical specialist consider doing when configuring each p5 system using eConfig?

- A. Implementing CoD
- B. Using Express Configurations with processor upgrades
- C. Meeting the minimum Value Pak rules
- D. Engaging the pSeries representative to identify appropriate discounts

Answer: C

QUESTION 51:

A pSeries technical specialist is performing a solutions assurance with Certkiller .com for a new single-frame 10-node p655 system being attached to a currently installed HMC. Which of the following questions should be asked to gather all the required information to determine whether the p655 solution can connect to the HMC?

- A. Are there at least ten RS-232 ports available on the HMC?
- B. Are there at least ten RS-422 ports available on the HMC?
- C. Are there at least ten RS-232 and two RS-422 ports available on the HMC?
- D. Are there at least ten RS-232 and ten RS-422 ports available on the HMC?

Answer: C

QUESTION 52:

Certkiller .com has a 8-way p5-570 with eight internal disk drives and AIX 5.2. Which of the following must be added, if anything, to the configuration to support four LPARs, assuming each; PAR requires two disk drives?

- A. 7311 - D20 drawer with four disks
- B. Upgrade to AIX 5.3
- C. Fiber adapter to attach to SAN
- D. Nothing

Answer: D

QUESTION 53:

Certkiller .com is ready to order a pSeries solution. However, the pSeries technical specialist is unsure whether Certkiller .com preferred the fiber channel or the external SCSI disk attachment option. What is the most appropriate action for the specialist to take next?

- A. Ask Certkiller .com to confirm which option is best for their environment
- B. Order the fiber channel option and purchase a converter later if necessary
- C. Order both SCSI and fiber channel adapter to cover both potential options
- D. Inform Certkiller .com that fiber channel was selected for performance reasons

Answer: A

QUESTION 54:

Certkiller .com is very concerned about maintaining a competitive advantage through the use of state-of the art technology. Assuming all solutions meet Certkiller .com's technical requirements, which solution should the IBM team propose to maximize customer satisfaction?

- A. p690 with Dynamic LPAR
- B. Grid of SP switch-attached p5-550s
- C. P690 with Advanced POWER Virtualization
- D. P5-570 with Advanced POWER Virtualization

Answer: D

QUESTION 55:

The pSeries technical specialist has been asked to verify a solution that has six servers connecting to a 7316-TF3 rack-mounted flat-panel console. Each server will connect into the 4202 Keyboard/Video/Mouse (LCMSwitch). What is the minimum number of KVM conversion cable option (FC 4268) required to complete this installation?

- A. 1
- B. 2
- C. 6
- D. 8

Answer: B

QUESTION 56:

Certkiller .com needs three 2-way application servers and is evaluating the purchase of three p5-520s versus one partitioned 6-way p5-570. They like the benefits provided with dynamic processor sparing. What information should the pSeries technical specialist emphasize to Certkiller .com?

- A. The p5-570 offers CoD processors
- B. The p5-570 requires more rack space than the three p5-520s.
- C. Redundant power is standard on the p5-570 and is optional on the p5-520.
- D. Operating system charge will be less expensive with the p5-520 solution.

Answer: A

QUESTION 57:

In addition to a POWER5 system and an HMC, what else is required to enable Micro-Partitions on an AIX environment?

- A. AIX 5.3 and Dynamic Logical Partitioning
- B. AIX 5.2 and Dynamic Logical Partitioning
- C. AIX 5.2 and Advanced POWER Virtualization feature
- D. AIX 5.3 and Advanced POWER Virtualization feature

Answer: D

QUESTION 58:

In the context of Advanced Power Virtualization the shared pool refers to which of the following?

- A. A pool of physical memory that can be used by any partition
- B. A pool physical processors that can be used by any virtual or dedicated partition
- C. A pool of physical memory that can be used by multiple Micro-partition
- D. A pool physical processors that can be used by MULTIPLE Micro- partition

Answer: D

QUESTION 59:

AIX 5L v5.3 provides initial support for which of the following new features?

- A. Workload Manager, POWER5 support
- B. 64-bit kernel support, JFS2 support
- C. Dynamic LPARS, Capacity upgrade on demand
- D. Micro-Partitioning, Virtual I/O server

Answer: D

QUESTION 60:

The pSeries technical specialist just finished reviewing the system configurations with Certkiller .com. Certkiller .com requested that many of the availability options, initially configured, be removed due to budgetary constraints. What should be done next?

- A. Remove the availability options, as requested, and place the system on order.
- B. Keep the availability options in the configurations and engaged the pricer to provide deep discounting on the solution
- C. Remove the availability options, and review the new configurations, with Certkiller .com highlighting the potential exposures
- D. Keep the availability options in the configurations, knowing that these options may prevent a critical situation in the future.

Answer: C

QUESTION 61:

A pSeries technical specialist has completed a server onsolidation study of Certkiller .com's environment. An LPAR work sheet was produced which details the resiorce (CPU memory disk adapter) requirements for each OS image (partition) based on workload. What is the most appropriate next step?

- A. Update Siebel to include the study results
- B. Review the study results and LPAR worksheet with Certkiller .com

- C. Design detailed system configurations around the study results
- D. Work with the client executive and the brand manager to establish discounts.

Answer: B

QUESTION 62:

Certkiller .com needs an Oracle Database server. Based on Certkiller .com's sizing data the IBM Oracle Competency Center has determined that the server requirements can be met with a 4-way p5-550 or 4-way p5-570. If the pSeries technical specialist proposes a p5-570 versus a p5-550 system, hat key differences should be pointed out to Certkiller .com?

- A. The p5-570 is rack mounted but the p5-550 is not.
- B. The p5-570 will provide more growth, but at a higher cost.
- C. The p5-570 is 200-240 volt only and the p5-550 is 110 volt only
- D. The p5-570 needs a special feature to become a desk side machine

Answer: B

QUESTION 63:

Which of the following best describes what is meant by Linux Affinity on AIX?

- A. The ability to install a Linux system on an AIX system
- B. The ability to install an AIX system in a Linux system
- C. The ability to compile and run a Linux application on AIX
- D. The ability to compile and run an AIX application on Linux

Answer: C

QUESTION 64:

A commercial customer will soon send out a Request For Pricing (RFP) for a new large database server. Why would a pSeries technical specialist try to influence Certkiller .com to base the requirements on performance (TPC-C, Ideas International Relativity ,Oracle Applications Standard Bench mark ,etc) rather than on numbers of processors?

- A. IBM processor performance does not scale well over 16 ways.
- B. Competitors do not pay for TPC-C certification so results are not available
- C. IBM servers consistently outperform some other servers on a "per CPU" bais.
- D. IBM prices are lower than competition when like numbers of processors aree proposed

Answer: C

QUESTION 65:

Certkiller .com left a message on the pSeries technical specialist voicemail that a proposal is needed for a p5-550 4-way 1.4GHz 8GB machine. The specialist configured a p5-570 4-way 1.5 GHz 8GB machine and sent it to Certkiller .com with a note that this system was the closest match to that requested. What could the specialist have done to minimize any customer dissatisfaction in an efficient manner?

- a. Configured a p5-550 1.65 GHz 8GB machine and emailed it to Certkiller .com
- b. Spoken to Certkiller .com about available machine options and verified which model was desired
- c. Configured p5-550 4-way 1.65, p5-570 4-way 1.5, p5-570 4-way 1.65, and p5-570 4-way 1.9 systems to cover all options
- d. Emailed Certkiller .com to them know there is no 1.4 GHz p5-550, attaching a copy of the pSeries Facts and Features guide

Answer: B

QUESTION 66:

Which of the following features sets IBM apart from competitors in the area partitioning?

- A. Software support
- B. Hardware isolation
- C. Static changes in partitions
- D. Micro-Partitioning

Answer: D

QUESTION 67:

Certkiller .com is looking for a reliable well-performing, cost-effective solution to growing commercial workload. Initially, they want to run 12 UDB partitions each of which would need two processors and 8GB of memory. They are looking at the p655 and wants to start with three LPARS on each p655 node using a total of four nodes. Each LPAR would need at least 4x6239 fiber cards and 2x5706 2-port 10/100/1000 Ethernet cards. At a later date, they want to add an additional LPAR to each node to expand to a total of 16 UDB partitions.

Which of the following major limitations of this solutions should be mentioned to Certkiller .com?

- A. The p655 supports only two LPARs.
- B. The p655 supports only four LPARs.
- C. There are not enough available slots for three LPARs.
- D. There are not enough available slots for four LPARs.

Answer: D

QUESTION 68:

Certkiller .com is looking for a low-cost PsERIES solution. The pSeries technical specialist is recommending several p650 Express Configurations. When reviewing the options with Certkiller .com, the pSeries technical specialist should emphasize which of the following limitations?

- A. Some Express Configurations limit the amount of maximum memory at order time.
- B. Certkiller .com must meet minimum system requirements to obtain Express Configuration pricing
- C. The Express Configurations offer less than the maximum number of processors.
- D. The Express Configurations are only offered through the QuickShip Program.

Answer: A

QUESTION 69:

Certkiller .com requires an 8-way 16GB AIX system. They are evaluating the following three systems:

p5-570

p5-570 Express

p5-650

The pSeries technical specialist has asked to explain the pros and cons of the three solutions. What information will help Certkiller .com decide on the best solution for their environment?

- A. The p5-570 Express can support DDR2 memory.
- B. The p650 and p5-570 Express provide faster processors.
- C. The p5-570 Express is limited to eight 1.5GHz processors.
- D. Neither the p5-570 nor the p5-570 Express supports Capacity on Demand.

Answer: C

QUESTION 70:

After visiting several customers, the pSeries technical specialist returns to the office late in the day and makes a list of the various customer requests. The specialist decided to complete at least one task before leaving for the day. Which of the following is most important to complete immediately?

- A. Send a flyer on new p5-520
- B. Provide shipment delivery status
- C. Order a new system per the purchase order
- D. Retrieve and send a whitepaper on SCSI performance

Answer: C

QUESTION 71:

The client team tend to bring the pSeries technical specialist in very late in the process. This has caused several problems where the specialist has had to correct some misunderstandings about the technology. The specialist is getting very frustrated and would like to avoid these misunderstandings in future. What would be the most appropriate way to handle this?

- A. Refuse to work with the account team unless they are brought in right at the beginning.
- B. Talk to the account team and ask them to bring them in earlist so that they can better understand the account.

- C. Explain the situation to Certkiller .com and ask them to talk to the account team about bringing them in earlier.
- D. Explain the situation to the sales manager and ask him to talk to the account team about bringing them in earlier

Answer: B

QUESTION 72:

The pSeries technical specialist is discussing a proposed solution for a commercial application that contains the following option: p670,p690,and p5-570.

Certkiller .com ask why a p655 was not considered as a solution. Certkiller .com's requirement include the following:

- * Eight 1.5 or 1.7 GHz processor
- * 64 GB memory
- * 12 fiber adapters
- * 11 network adapter
- * An estimated 25% growth in the next year

What is the most appropriate response to Certkiller .com?

- A. The p655 is much more expensive than the other solutions.
- B. The p655 would be at full capacity and would have no room for the growth.
- C. The p655 is an HPC system and should never be used in a commercial situation
- D. The p655 does not support more than 20 adapters so could not accommodate the requirements.

Answer: B

QUESTION 73:

A financial industry customer will consolidate their intel-based servers to a p5-550 running AIX, and needs experienced technical services. What information should the account executive provide to Certkiller .com to assure them that the technical specialist has the required experience?

- A. The technical specialist has supported multiple Cluster 1350 environments. References will be provided.
- B. The technical specialist is Linux-certified by two industry groups. Certificate copies will be provided.
- C. The technical specialist has worked on multiple UNIX consolidation projects. References will be provided.
- D. The technical specialist has worked on Linux consolidation efforts. References will be provided.

Answer: C

QUESTION 74:

Certkiller .com plans to consolidate to high-end enterprise level servers using multiple partitions. They are evaluating an IBM POWER5 solution for their server consolidation environment. Which of the following best describes the value of the IBM solution as compared with the competition?

- A. The POWER5 system has greater memory and processor granularity and can also run both Linux and AIX at the same time in different LPARs.
- B. The POWER5 system supports more partitions, and memory than any competitor's solution
- C. The POWER5 system has the lowest partitioning overhead and can also run both Linux and AIX at the same time in different LPARs.
- D. The POWER5 system supports more partitions and the lowest partitioning overhead.

Answer: A

QUESTION 75:

A hospital customer with an experienced AIX and Microsoft Windows staff wants to consolidate all of their file/print services onto fewer systems. They currently use multiple Microsoft Windows-based intel systems that are experiencing reliability. They also have POWER4 systems that are running multiple AIX LPARs that have experienced no reliability issues.

They need at least 99.99% uptime. Which solution will meet their uptime needs at the lowest cost?

- A. Combine the file/print servers onto a larger intel-based machine (x445)
- B. Bring up a Linux LPAR on the pSeries and run Samba to provide file/print services
- C. Bring up another AIX LPAR on the pSeries and run Samba to provide file/print services
- D. Bring up another AIX LPAR on the pSeries and run Connect Direct to provide file/print services.

Answer: C

QUESTION 76:

Which of the following services offers scheduled telephone support for complex questions on AIX systems?

- A. Techline
- B. Consultline
- C. Operational Support Service -Alert for pSeries
- D. Operational Support Services -Rs/6000 SystemWatch

Answer: B

QUESTION 77:

Certkiller .com has a new p5-550 running AIX 5.2 that is SAN-attached to a FAStT900. They have encountered hangs lasting over a minute on their new system during application load testing. They called the pSeries technical specialist for advice. Which of the following would be the most appropriate questions to determine their next step in resolving the problem?

- A. Are there any errors in the error log?
Do they indicate any hardware or software errors?
- B. Has performance data been collected?

What do the results show in terms of I/O statistics?
C. Has performance data been collected?
What do the results shown in terms of CPU utilization?
D. What type of SAN switch is Certkiller .com using?
What are the microcode levels on the switch?

Answer: A

QUESTION 78:

The pSeries technical specialist of a Premier Tier 1 Business Partner has been working on a design for a four LPAR p5-570 Express solution. The specialist has received conflicting information regarding sharing the IDE DVD-RAM drive between different LPARs. Who should the technical specialist contact to gain a definitive answer?

- A. IBM BPSO
- B. IBM Partnerline
- C. IBM Distributor
- D. IBM Supportline

Answer: B

QUESTION 79:

The account executive is asking about post-sales support for a new p5 HMC. They need the pSeries technical specialist to configure an HMC with software support for Certkiller .com. Which of the following should the specialist include in the configuration?

- A. Supportline
- B. ServiceSuite
- C. Software Maintenance Agreement (SWMA)
- D. Machine Control Program Remote Support Agreement (MCPRSA)

Answer: D

QUESTION 80:

Certkiller .com has ordered a rack, a p650, two p630, and two p615s. During a conversation on installation planning, the pSeries technical specialist recognizes that Certkiller .com expects the rack to arrive as one unit. However, the specialist knows that the p650 will be racked, but the other systems will arrive separately. In fact the other systems are CSU (Customer Set Up.)

Why should the specialist immediately inform Certkiller .com that additional racking is Certkiller .com's responsibility?

- A. Because additional systems would require more power receptacles
- B. Because Certkiller .com may need to do additional facilities planning

- C. Because Certkiller .com needs additional funding to cover the services
- D. Because postponing the eventual discussion will likely lead to customer dissatisfaction

Answer: D

QUESTION 81:

Certkiller .com has recently installed a pSeries p5-570 with EMC attached disk storage. After installation, Certkiller .com complained that the disk access appeared to be slow. How should the pSeries technical specialist best assist Certkiller .com?

- A. Recommend Certkiller .com call EMC.
- B. Recommend Certkiller .com call IBM hardware support.
- C. Recommend Certkiller .com contact SupportLine.
- D. Recommend Certkiller .com re-creates the volume groups.

Answer: C

QUESTION 82:

Certkiller .com called and indicated that their p690 system did not come with any installation and user manuals. Which of the following sources can best provide this information?

- A. IBM Redbooks
- B. IBM SupportLine
- C. pSeries Library
- D. pSeries College

Answer: C

QUESTION 83:

A pSeries technical specialist has just returned from an internal course for implementing Micro-Partitioning on the POWER5 range of servers. There were many handouts from the Course. To ensure the repaid transfer of the newly acquired skill, what should the technical specialist do?

- A. Make copies of the course material and deliver the course in full to the technical team.
- B. Make copies of the course material and hand them out to the technical team for them to read.
- C. Become the Micro-Partitioning expert within the organization and act as the sole knowledge base.
- D. Make copies of the course material and prepare a concise overview of the course to deliver to the technical team.

Answer: D

QUESTION 84:

The account team is putting together a very complex solution for Certkiller .com. During the solution design phase, many of Certkiller .com's requirements have changed and additional requirements are being identified. What should the pSeries technical specialist do to ensure the greatest possible customer satisfaction?

- A. Use eConfig to configure and validate each pSeries and p5 system.
- B. Engage Advanced Technical Support to review any outstanding technical issues
- C. Confirm with Certkiller .com that the solution design meets their requirements.
- D. Perform a Pre-Install Solution Assurance review to validate required power requirements.

Answer: C

QUESTION 85:

Which of the following people does IBM recommend be involved with a Pre-Sale Solutions Assurance Review?

- A. Certkiller .com executive who is funding the project
- B. IBM Global Financing when they are financing the purchase
- C. Subject matter experts representing each component of the solution
- D. Hardware installation planning representative responsible for the installation

Answer: C

QUESTION 86:

What is one benefit of using the IBM eConfig configuration tool?

- A. It warns users of parts availability constraints
- B. It provides a record of discounts used in the past.
- C. It optimizes the adapter selection based on function and cost.
- D. It provides validation of acceptable combinations of components.

Answer: D

QUESTION 87:

Which of the following is required to connect a partitioned p5-550 to a modem?

- A. A modem adapter
- B. An async adapter and serial cable.
- C. An Ethernet adapter
- D. A 9-pin to 25-pin converter and serial cable.

Answer: B

QUESTION 88:

Certkiller .com wishes to replace 12 older small UNIX systems. They are running out of floor space in their data center and any solution must take this into consideration. Assuming that the applications are supported on all AIX versions, which of the following would best meet Certkiller .com's requirements?

- A. A p650 running AIX 5.3
- B. A p5-550 running AIX 5.3
- C. A p5-570 running Advanced POWER Virtualization
- D. Multiple rack-mounted p615s running dynamic LPAR

Answer: C

QUESTION 89:

A space-constrained customer is currently running AIX 5.2 on a number of p650 servers and a pair of new p5-550 servers. They have four identical new applications each requiring a minimum of seven processors and 96GB of memory. Which solution would best meet Certkiller .com's requirements?

- A. Two p670 servers
- B. Four p650 servers
- C. Two p5-570 servers
- D. Four p5-550 servers

Answer: C

QUESTION 90:

Certkiller .com wants to install a pSeries system into an OEM rack. What critical information is provided in the Site and Hardware Planning Information manual?

- A. System dimensions and weight, system power and cooling requirements, and list of supported OEM racks.
- B. System dimensions and weight, list of supported OEM racks, and requirements for installing IBM systems into OEM racks.
- C. System performance spaces, system power and cooling requirements, and requirements for installing IBM systems into OEM racks.
- D. System dimensions and weight system power and cooling requirements, and requirements for installing IBM systems into OEM racks.

Answer: D

QUESTION 91:

A pSeries technical specialist has been asked to provide a server consolidation solution to replace several AIX servers running typical commercial database workloads. Benchmarks for SPECint, SPECfp, SPECjbb as well as estimates of ROLTP and rPerf are available for all the current systems.

Which of the following could be used as a first approximation of total performance required for one large server?

- A. Sum of SPECfp values
- B. Sum of rPerf value only
- C. Sum of Rperf and ROLTP values
- D. Sum of SPECint and SPECjbb values

Answer: B

QUESTION 92:

What is the minimum number of p5-570 building blocks required to support 16 RIO drawers|?

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

Answer: C

QUESTION 93:

Certkiller .com requires a deskside solution that they will rack-mount in the future. Space is at a premium. The solution must support two AIX 5.2 applications that require two processors each. Which of the following deskside configurations should the pSeries Technical Specialist recommend?

- A. One p5-550 4-way
- B. Two 2-way p5-520s
- C. One p630 4-way
- D. Two 2-way p615s

Answer: A

QUESTION 94:

A solution provider has proposed a pSeries solution to a new customer. The solution is complex with a number of technologies that are new to Certkiller .com.

They have a tight timeline for implementation. The solution provider has not been able to get a clear understanding as to how Certkiller .com will backup the system. What would be the most appropriate action to address the risks with this solution?

- A. Sell Sysback
- B. Conduct a SAR
- C. Sell Supportline
- D. Provide a project timeline

Answer: B

QUESTION 95:

A pSeries technical specialist is designing a p5-550 LPAR solution which will contain four logical partitions. Which tool should be used to ensure adherence to all partition rules?

- A. LVT
- B. eSAR
- C. eConfig
- D. PCRS6000

Answer: A

QUESTION 96:

The pSeries technical specialist is designing a two LPAR p5-570 with eight total processors. The system is a test system to run AIX 5.2. Certkiller .com has stated a preference for internal disks for the boot devices. Certkiller .com has said they may later need to run three of four LPARs without increasing the number of processors.

What should the pSeries technical specialist tell Certkiller .com about the ability of the p5-570 to meet their requirements?

- A. It will require additional SCSI adapters and I/O drawers or external disks to support more than two LPARs.
- B. It has sufficient built-in SCSI controllers and disk enclosures to support four total LPARs by only adding the necessary additional disks.
- C. It is unable to use internal disks for LPARs and therefore additional adapters I/O drawers or external disks must be used to support all LPARs.
- D. It can support six LPARs with internal disks but will require special features, cables and an adapter to support the additional LPARs with internal disks.

Answer: B

QUESTION 97:

A p5-550 with AIX 5.3 is being designed for availability. In addition to providing redundant adapters, which of the following should also be provided?

- A. Redundant processors pools, UPS, and HACMP
- B. Redundant service processors, HACMP, and mirrored AIX drives
- C. Redundant processor pools, redundant service processors, and HACMP
- D. Redundant power, redundant Virtual I/O Servers, and mirrored AIX drives.

Answer: D

QUESTION 98:

Certkiller .com plans to order several new pSeries systems and is concerned that the additional heat load may overwhelm the current air-handling system. How might the pSeries technical specialist aid Certkiller .com in addressing their concern?

- A. Direct Certkiller .com to the installation Guide for each system to identify the power requirements
- B. Direct Certkiller .com to engage their site personnel to ensure the proper power connectors are provided to support the systems.
- C. Direct Certkiller .com to the Site and Hardware Planning information and review the system requirements for each new pSeries system
- D. Direct Certkiller .com to the Site and Hardware Planning Information to confirm that enough space is available in the rack to allow for proper airflow.

Answer: C

QUESTION 99:

Certkiller .com needs a solution that provides a total of eight processors (four active and four inactive) 16GB of memory, Advanced POWER Virtualization, and the ability to grow. Which of the following systems should the pSeries technical specialist propose?

- A. p650
- B. p5-570
- C. Two p630s
- D. P5-570 Express

Answer: B

QUESTION 100:

Certkiller .com has budget sign-off to purchase a new p5-550 2-way server to replace their aging 2-way 7025-6F0. They like the advantages of the Simultaneous Multi Processing (SMT) ability of this server. Their application is certified at AIX 5.2 and is scheduled for AIX 5.3 certification in six months. The Chief Information Officer is concerned that they will lose the budget if they do purchase the server this fiscal year.

What is the most relevant and cost-effective advice the pSeries technical specialist can offer?

- A. Purchase a 4-way p630 to compensate for not using SMT.
- B. Purchase the p5-550 server and install AIX 5.2, which can be upgraded to AIX 5.3 later
- C. Purchase the p5-550 server and install AIX 5.2 and enable SMT.
- D. Suspend the purchase of a new machine at this time and upgrade the current server to a 4-way server.

Answer: B

QUESTION 101:

When should Solutions Assurance Reviews take place?

- A. Pre-order, pre-installation
- B. Post-order, pre-installation
- C. Pre-order, post completion sign-off
- D. Pre-installation, post completion sign-off

Answer: A

QUESTION 102:

Which of the following benchmark ratings cover essentially the same performance metrics associated with commercial applications for IBM UNIX systems?

- A. TPC-C, ROLTP, rPerf
- B. TPC-C, Linpack TPP, TPM
- C. SPECint2000, SPECsfs97, SPECfp2000
- D. SPECint95, SPECint_rate95, SPECfp_rate95

Answer: A

QUESTION 103:

What is the minimum number of virtual I/O server partitions needed to ensure high availability of the disks when utilizing the Virtual I/O server in a micro-partitioned solution?

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

Answer: A

QUESTION 104:

Certkiller .com is interested in obtaining an AIX solution from IBM. They have two primary global requirements:

- * Availability (although HACMP is not required)
- * Low cost

Which of the following approaches should the pSeries technical specialist use to meet customer's requirements and ensure customer satisfaction?

- A. Design the least-cost solution to prevent the competition from winning the business
- B. Design a disaster recovery (DR) solution and convince Certkiller .com why DR is important to their

business.

C. Use the HACMP specialist to design the solution and include HA SMOOTH START SERVICES AS PART OF THE PROPOSAL.

D. Design a solution with redundant parts and explain to Certkiller .com the incremental cost associated with the redundancy.

Answer: D

QUESTION 105:

Certkiller .com has provided the pSeries technical specialist with details of an HACMP solution that they would like validated. The solution is for two POWER4+ p630 servers directly attached to a FAStT600 storage server as the shared storage. Each system has the following:

- * 2 integrated network ports
- * 2 fiber channel adapter cards
- * 1 power supply and redundant cooling
- * HACMP v5.1

In addition to a second power supply, what further requirements, if any, are needed to validate this solution and ensure no single point of failure?

- A. One fiber channel switch
- B. Two fiber channel switches
- C. Two Ethernet cards
- D. Nothing

Answer: B

QUESTION 106:

Certkiller .com currently has five partitioned POWER4 systems and is adding new systems. When the pSeries technical specialist introduces the first p5 system with CoD into this environment, how should the HMC be handled?

- A. Order a new HMC to support the p5 system.
- B. Attach the new p5 system to the existing HMC.
- C. Upgrade the existing HMC to accommodate both the POWER4 and p5 systems.
- D. Do nothing. This system does not require an HMC.

Answer: A

QUESTION 107:

When designing a single tier AIX database solution for Certkiller .com, what other technical specialist would be most instrumental in putting together a total solution and why?

- A. xSeries specialist, as Certkiller .com may have some Intel-based systems.
- B. Hardware customer engineer, as they will be installing the entire solution
- C. Services specialist, as they can provide education recommendations for the entire solution
- D. Storage specialist as Certkiller .com may need disk to store the data and tape to backup the data.

Answer: D

QUESTION 108:

The account team designed a p5-570 solution to strategically position Certkiller .com for future IBM announcements. Certkiller .com was dissatisfied upon implementing the solution. An AIX v5.1 partition was added to the requirements halfway through the solution design process and it was not considered in the final design.

What should the pSeries technical specialist have done to prevent this situation?

- A. Submitted an RPQ (Request for Quote) for AIX V5.1 support on a p5-570
- B. Designed a p670 BECAUSE IT SUPPORT aix 5.1 PARTITIONS
- C. Initially designed a solution supporting AIX 5.1 partitions
- D. Gained customer approval for the final design prior to ordering the system

Answer: D

QUESTION 109:

Certkiller .com has been given a proposal for a p5-570 6-way 32GB system running in Full Partition mode. After review, Certkiller .com asked that the configuration be modified to enhance reliability and availability of the solution. However, Certkiller .com does not want to pay for HACMP or additional machines. What change would be most likely to improve the reliability of the solution?

- A. Add CUoD memory .
- B. Provide CUoD processors.
- C. Provide redundant disks on separate SCSI busses.
- D. Add redundant power supplies in the p5-570 CEC

Answer: C

QUESTION 110:

Certkiller .com needs a very small AIX system to run their new application and is considering a 1-way p615. What key information should the pSeries technical specialist provide to Certkiller .com?

- A. The 1-way p615 cannot be upgraded to a 2-way p615.
- B. The 1-way p615 can be upgraded to a 2-way p615 should additional capacity be required
- C. The p615 can be upgraded to a POWER5-based processor.
- D. The p615 is not a good solution, as it does not take advantage of the Advanced POWER Virtualization features.

Answer: A

QUESTION 111:

A p5-570 8-way 32GB system has been proposed to Certkiller .com as a new test system with four LPARs. The current applications are certified on AIX 5.2 but not yet on AIX 5.3. Certkiller .com wants to understand the advantages and disadvantages of this solution versus a pair of 4-way p5-550s with 16GB each in testing their current applications.

Which of the following points should the pSeries technical specialist highlight?

- A. The p5-570 would save rack space over a pair of p5-550 servers.
- B. The p5-570 allows for more CPU and memory resources to be dynamically allocated to any LPAR for performance testing
- C. The p5-570 can only be upgraded to 64GB of RAM without replacing memory.
- D. The p5-570 supports advanced features such as Micro-Partitioning and Virtual I/O allowing more LPARs of Certkiller .com's applications with fewer processors and fewer I/O adapters

Answer: B

QUESTION 112:

Certkiller .com is evaluating purchase of a new p5-570 8-way Express to replace their current set of ten 2-way database and application servers that are more than five years old. In addition to savings potential in the areas of operating system and database charges, what other significant savings component should be highlight?

- A. Maintenance savings due to warranty on new machines
- B. Reliability savings of using one machine versus ten.
- C. Financial savings due to cash outlays now versus later
- D. Power savings even if the current power usage is unknown

Answer: A

QUESTION 113:

What is a key advantage of the POWER5 technology over all other competitive offerings?

- A. POWER5 supports multiple operating systems
- B. POWER5 supports more nodes in a clustered environment
- C. POWER5 hypervisor has significantly less overhead than hardware partitioning.
- D. POWER5 has greater granularity of resources such as memory, processors and I/O

Answer: D

QUESTION 114:

Which of the following best describes Simultaneous Multi-threading (SMT)?

- A. A POWER5 microprocessor feature that allocates two processors to each application
- B. A Workload Manager feature that allows two processing threads to be executing on a single processor concurrently
- C. A POWER5 microprocessor feature that allows two processing threads to be executing on a single processor concurrently.

Answer: D

QUESTION 115:

Which of the following support dynamic LPAR?

- A. AIX v5.1
- B. AIX v4.3.3.
- C. SuSe Linux Enterprise Server 9 (SLES9)
- D. SuSe Linux Enterprise Server 8 (SLE8)

Answer: C

QUESTION 116:

Certkiller .com is running Oracle on a Sun server and requires an upgrade to improve performance. What competitive issues are appropriate in positioning pSeries server performance versus Sun for this customer?

- A. POWER5- based systems can run Oracle on version 8 of SuSe Linux while Sun systems cannot.
- B. The pSeries systems require fewer processors to provide the same level of performance, reducing total cost of ownership
- C. POWER5-based systems can optionally be configured with a Virtual I/O server to reduce the number of I/O adapters required.
- D. A single pSeries system can be configured with multiple LPARs running Oracle RAC, improving availability without using separate systems

Answer: B

QUESTION 117:

Certkiller .com has two different applications, each requiring two processors. They are evaluating the following three alternatives:

- 1) Two p5-520s each with two processors and 4GB memory
- 2) One partitioned p5-550 with four processors and 8GB memory
- 3) One partitioned p5-570 with four processors and 8GB memory

All there solutions will work. However, when helping Certkiller .com decide which solution is best for their environment, the pSeries technical specialist should convey which of the following pieces of information?

- A. Solutions 2 and 3 allow for processor and memory CoD; however, both solutions require an HMC.
- B. Solution 2 and 3 allow for sharing of physical resources when AIX 5.3 is implemented; however, both solutions require an HMC.
- C. All three solutions allow for sharing of physical resources when AIX 5.3 is implemented; however, solutions 2 and 3 require an HMC.
- D. All three solution allow for processor and memory CoD; however, solution 2 and 3 require an HMC.

Answer: B

QUESTION 118:

Certkiller .com is putting together a high-performance computing cluster of p655 nodes. They need a total of 48 processors and want to get the best performance possible out of those systems. They are evaluating four options and has have asked the pSeries technical specialist to recommend which one would provide the best performance based on total rPerf. Their workload may grow over time. Which of the following should the pSeries technical specialist recommend?

- A. Twelve 4-way p655 nodes and add more as needed
- B. Six 8-way p655 nodes and add more as needed
- C. Six 4-way p655 nodes with four processors CoD on each node in case of growth
- D. There 8-way p655 nodes with eight processors CoD on each node in case of growth.

Answer: A

QUESTION 119:

Certkiller .com is debating whether to use Shared Ethernet versus Virtual Ethernet. Which of the following best describes a key difference between Shared and Virtual Ethernet?

- A. Shared Ethernet runs on POWER4 systems
- B. Virtual Ethernet runs on POWER4 systems.
- C. Shared Ethernet requires a Virtual I/O server and Advanced Power Virtualization
- D. Virtual Ethernet requires a Virtual I/O server and Advanced Power Virtualization.

Answer: C

QUESTION 120:

Which of the following is a key advantage of AIX v5.3 over AIX v5.2?

- A. Dynamic LPAR
- B. Micro-Partitioning
- C. Small Memory Real Mode
- D. Capacity Upgrade on demand for memory

Answer: B

QUESTION 121:

After months of negotiations and several proposals, Certkiller .com indicates that they may be ready to purchase a pSeries system. Rather than quickly ordering the last configuration proposed, what is the appropriate next step for a pSeries technical specialist to improve the chance of a successful project?

- A. Obtain buy-in and feedback from Certkiller .com.
- B. First ask the client executive if financing has been arranged.
- C. Plan the installation and rollout schedule before ordering.
- D. Confirm that any additional requirements are handled by others.

Answer: A

QUESTION 122:

Certkiller .com's data center has all POWER4 +systems, and they plan to add three new p5-570 systems. They will be purchasing a new 7310-CR2 HMC to support the POWER5 systems. What is a key requirement that they need to plan for with the new HMC?

- A. A desk, as it not rack mountable
- B. Ethernet connections to the POWER5 systems
- C. Serial connections to the POWER5 systems
- D. USB connections for the keyboard and mouse

Answer: B

QUESTION 123:

A global container shipping company has a new application that they are going to deploy on a p5-570 at their corporate data center. The Chief information Officer indicates that if the application is down for more than 36 hours, the cost of downtime is very high. For the initial 36 hours of downtime, the company has a manual process they can execute without significant additional cost. Which of the following products best mitigates the major business risk to the company?

- A. IBM Business Continuity Services
- B. HACMP and a second p5-570 for the data center
- C. ServiceSuite Supportline with Account Advocate
- D. ServiceSuite 9x5 next day Hardware Maintenance

Answer: A

QUESTION 124:

Certkiller .com wants to upgrade their existing 6-way p650 to an 8-way. The installed inventory shows the p650 as only a 4-way. What should the pSeries technical specialist do in order to best correct IBM inventory record?

- A. Submit an RPO-MES to add the missing 2-way processor card.
- B. Submit an MES order to add the missing 2-way processor card.
- C. Request VPO from Certkiller .com and then submit an RPO-MES request
- D. Request VPO from Certkiller .com and then submit an MES order to add the missing 2-way processor card.

Answer: C

QUESTION 125:

Certkiller .com has two locations that host their pSeries servers. Traffic is being routed through the public Internet. Certkiller .com needs to exchange confidential financial data between the servers. Which of the following solutions should the pSeries technical specialist propose to Certkiller .com to secure the data?

- A. A DCE domain
- B. A Kerberos domain
- C. A PPP tunnel between the servers
- D. An IPSEC tunnel between the servers

Answer: A

QUESTION 126:

Certkiller .com plans to purchase a p5-570 that will run in SMP mode to host a large financial database on AIX 5.2. The application is sized for an 8-way 1.65GHz machine. They do not currently have as existing HMC that supports p5 machines.

This organization experiences unpredictable short-term spikes in processor utilization. To mitigate the risk to their business, they interested in IBM's CoD offering. In addition to the 8-way system, what else should the pSeries technical specialist recommend to Certkiller .com?

- A. Another p5-570 building block
- B. Capacity Backup p5-570 building block
- C. Another p5-570 building block and at least one HMC.
- D. Capacity Backup p5-570 building block and at least one HMC.

Answer: C

QUESTION 127:

A researcher needs to regularly analyze large quantities of data. They are interested in putting together a cluster of 16 UDB EEE partitions of four processors each for their data mining environment. Each UDB partition needs to be approximately 15 rPerf. Which of the following solutions would best fit their performance needs?

- A. P655 4-WAY NODES
- B. P655 8-WAY NODES
- C. P5-570 4-WAY NODES
- D. P5-570 8-WAYNODES

Answer: A

QUESTION 128:

Certkiller .com has requested a proposal for a p5-520 with AIX 5.2 and Sysback. There are no plans to run LPARs or Micro-Partitions on the p5-520 in the near future. Certkiller .com has asked the pSeries technical specialist to recommend anything else that may be needed. Which of the following should be recommended on this situation?

- A. HMC
- B. DVD-ROM
- C. Tape drive
- D. Network switch

Answer: C

QUESTION 129:

Certkiller .com is moving to AIX FROM A COMPETITOR'S PRODUCT. They need onsite assistance with the initial software installation of the new servers. Which of the following services offering would be most appropriate to recommend?

- A. Consultline
- B. ServiceSuite
- C. Supportline
- D. SmoothStart

Answer: D

QUESTION 130:

Certkiller .com is considering a second p690 at a second site for Disaster Recovery purposes. Which of the following On Demand offering is most applicable in this environment?

- A. On/Off CoD
- B. Reserve CoD
- C. Permanent CUoD
- D. Capacity Backup

Answer: D

QUESTION 131:

A company has a large data center with hundreds of AIX and Linux OS images on both stand-alone and LPARed machine. They are likely to undergo some downsizing in the near future. The IT Director is concerned with their ability to manage the environment with fewer staff members. What software should the pSeries technical specialist recommend to Certkiller .com to provide for more efficient management, quicker provisioning and monitoring?

- A. TSM
- B. CSM
- C. NIM
- D. PSSP

Answer: B

QUESTION 132:

Certkiller .com is purchasing a 12-way p5-570 to run light development workloads on eight AIX 5.3 partitions with two network adapters each. Which of the following solutions would prevent them from having to buy another network switch or hub?

- A. Add two HMCs with two Ethernet adapters each and run EthernetChannel for the original eight partitions
- B. Add two HMCs with two Ethernet adapters each and run Virtual Ethernet for the original eight partitions
- C. Add two hosting partitions with two Ethernet adapters each and run EthernetChannel for the original eight partitions
- D. Add two hosting partitions with two Ethernet adapters each and run Virtual Ethernet for the original eight partitions

Answer: D

QUESTION 133:

The pSeries technical specialist is concerned that the installed inventory for a p670 does not match what Certkiller .com says is installed. The specialist discovers that Certkiller .com has never updated their VPO. Which of the following HMC applications is used to gather the current VPO information?

- A. Service Processor
- B. Service Director
- C. Inventory Scout Services

D. Service Focal Point

Answer: C

QUESTION 134:

Certkiller .com has a p650 with a write-intensive database application. Recently the order entry team has complained about unusually slow response times. There have been no complaints from any other departments. Which of the following actions would most likely address the problem?

- A. Double the number pf processors
- B. Double the number of memory DIMMs.
- C. Double the number of network adapters.
- D. Double the number of SCSI buses and disks

Answer: D

QUESTION 135:

Certkiller .com intend to install a 7315-CR2 into a p690 frame. What should the pSeries technical specialist tell Certkiller .com?

- A. The HMC is a 19" form factor
- B. The HMC is a 24"form factor
- C. The HMC require a 100-120 volt power connection
- D. The HMC require a 200-240 volt power connection

Answer: A

QUESTION 136:

Certkiller .com needs a system supporting four partitions, each with the following requirements:

- * 0.6 1.65GHz processors
- * 2GB memory
- * AIX 5.2

They also need the ability to grow the system in the future. Which pSeries system would be positioned best to meet this customer's requirements?

- A. p5-550 with the Advanced POWER Virtualization feature and AIX 5.2
- B. p5-550 with the POWER5 processor technology and AIX 5.2
- C. p5-570 with the Advanced POWER Virtualization feature and AIX 5.3
- D. p5-570 with the POWER5 processor technology and AIX 5.2

Answer: D