

## Passit4sure.C4040-225.82 Questions

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**C4040-225**

### **Power Systems with POWER7 and AIX & Linux Technical Sales Skills - v2**

- ❖ 100% Valid in US, UK, Australia, India and Emirates. All my friends in group have these same questions.
- ❖ Finally, I got right questions for this exam and share with you guys. Best Wishes.
- ❖ Best stuff I have ever used for my exam preparation. I love Exam collection guys.
- ❖ I have corrected few questions and now score will be 95% above Guaranteed.
- ❖ Many new questions are added, Good for review go ahead and pass the exam now.

## **Exam A**

### **QUESTION 1**

What PowerSC feature provides a mechanism to prevent an attacker, who has gained unauthorized access to an LPAR from deleting evidence records of the source of intrusion?

- A. Trusted Audit
- B. Trusted Firewall
- C. Trusted Logging
- D. Trusted Surveyor

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

### **QUESTION 2**

How is SuSe Linux Enterprise Server 11 licensed on Power Systems servers?

- A. Per core
- B. Per server
- C. Per socket
- D. Per instance

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

### **QUESTION 3**

How is AIX licensing and upgrade entitlement packaged?

- A. AIX SWMA
- B. AIX Warranty
- C. AIX Service Pack
- D. AIX Basic License

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

good answer.

### **QUESTION 4**

What capability does Role Based Access Control (RBAC) provide to users?

- A. Assume a default role at login
- B. Control access to system logs
- C. Perform system operations associated with roles
- D. Assume the role of root under certain circumstances

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**  
Explanation:

**QUESTION 5**

Which of the following products can move an application between servers while the application is running?



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- A. Application Manager
- B. AIX Standard Edition
- C. PowerVM Standard Edition
- D. Workload Partition Manager

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**  
Explanation:

**QUESTION 6**

A prospective client is interested in running SAP on Linux. Which of the following would make Linux on Power a better solution than Linux on x86?

- A. ISV support
- B. Memory Chipkill
- C. Threads per core
- D. Kernel optimization

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**  
Explanation:

**QUESTION 7**

A customer wants to implement LAN-free backups to improve backup and recovery times in their virtualized environment, Which of the following is a requirement?

- A. SSP
- B. NPIV
- C. FCoE
- D. vSCSI

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**  
Explanation:

**QUESTION 8**

Which operating system feature distinguishes AIX from Solaris and HP-UX?

- A. Kernel Monitoring
- B. Object Database Manager
- C. Dynamic Application Debug
- D. Virtual Memory Management

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 9**

An AIX 6 customer wants to know how long IBM will provide new fixes for a given AIX Technology Level (TL). The current IBM strategy is to provide what length of support to customers with SWMA?

- A. Approximately 2 years if the customer is running any TL
- B. Approximately 1 year if the customer is running TL6 or later
- C. Approximately 3 years if the customer is running TL6 or later
- D. Approximately 5 years if the customer is running TL6 or later

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 10**

A customer would like to consolidate several AIX 6.1 LPARs from POWER5 servers to a POWER7i 770 server with PowerVM. On the source LPARs the root volume group is on internal disks.

What method should be considered to implement a cost efficient LPAR consolidation?

- A. Invoke Live Partition Mobility.
- B. Purchase a compatible tape drive.
- C. Use NIM to migrate to the new server.
- D. Move the internal disks to the new system.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 11**

A customer wants to provide storage to 16 new LPARs. Each LPAR requires at least 10 individual LUNs.

The customer has strong skills with SAN administration but only moderate skills with VIO Server.

Which technology is the best fit for the customer skills?

- A. SVC
- B. NPIV
- C. DASD
- D. vSCSI

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 12**

Which tool can help identify the firmware versions for a Power System server?

- A. Workload Estimator (WLE)
- B. System Planning Tool (SPT)
- C. Inventory Services Tool (IST)
- D. Fixed Level Recommendation Tool (FLRT)

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 13**

A customer wants to consolidate workloads which require AIX 5.3 onto a POWER7+ 770. The customer is comparing rPerfs to determine the size of the system. Which of the following needs to be considered when determining the system size using rPerfs?

- A. I/O
- B. Disk
- C. SMT
- D. Memory

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

most suitable answer.

**QUESTION 14**

Which of the following helps make GPFS file systems highly available?

- A. Caching read-intensive filesystems
- B. Centralized filesystem management
- C. Dynamic file placement and optimization
- D. Ability to configure multiple paths to data

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 15**

A customer has 14 POWER4 servers and 1 POWER5 server. The customer would like to consolidate their existing workload onto a POWER7 platform.

Which tool can be used to recommend a consolidated server solution?

- A. Workload Manager
- B. Workload Estimator
- C. System Planning Tool
- D. Performance Management Toolkit

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 16

A customer is buying 2 Power 740 systems and needs to use Live Application Mobility and Versioned WPAR5. Which of the following should be included with the system?

- A. AIX Enterprise Edition
- B. AIX Standard EditionAIX 5.2 or 5.3 Workload Partitions for AIX
- C. AIX Enterprise EditionAIX 5.2 or 5.3 Workload Partitions for AIX
- D. AIX Express EditionPowerVM Standard EditionAIX 5.2 or 5.3 Workload Partitions for AIX

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 17

A customer is planning to add a large number of NES clients to their environment, and is concerned about response time. Which of the following is a primary consideration when adding NFS clients?



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- A. NES client CPU
- B. NFS server license count
- C. SAN network infrastructure
- D. Ethernet network infrastructure

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 18

A customer is deciding between Storwize V3700 and a Storwize V7000. Which statement is true with respect to the connectivity for these devices?

- A. Both require 1Gb Ethernet connections.
- B. Both require 8Gb Fibre Channel connections.
- C. The Storwize V7000 requires 10Gb Ethernet connections.

D. The Storwize V3700 requires 8Gb Fibre Channel connections.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 19**

A customer has been running PowerHA 6.1, and is interested in upgrading to PowerHA 7.1 Standard Edition. What change to the product affects how the solution is implemented?

- A. Multicast support
- B. Support for extended distance clusters
- C. P Address Takeover when network cards fail
- D. Heavier reliance on RSCT in the newer version

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 20**

A customer would like to implement a two-node PowerHA cluster using two Power 740 servers. A major requirement is for shared storage to support up to 400,000 IOPS.

What storage should be considered?

- A. XIV
- B. DS8870
- C. StorwizeV7000
- D. FlashSystem 820

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 21**

Which of the following applications is available on PowerLinux and not on AIX?

- A. GNUCC
- B. Oracle RAC
- C. Apache Hadoop
- D. IBM DB2 Express Edition

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 22**

Which physical processors are initially part of the default shared processor pool?

- A. All active physical processors
- B. All physical processors excluding the folded ones
- C. All physical processors within a processor enclosure (CEO)
- D. All installed physical processors in a system, including CoD processors

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 23**

What is a potential advantage of vSCSI over NPIV?

- A. Higher throughput
- B. Simpler VIO Server administration
- C. Higher number of LUNs supported
- D. Minimized cost of vendor multi-path software

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 24**

A customer has a POWER6 570 with 64GB of memory running dual VIO Servers on internal disks. The Host Ethernet Adapter is set to promiscuous mode and assigned to the VIO Servers. The customer is migrating to a Power 740 and wants a similar VIO Server configuration.

Which Power 740 feature should be configured to support the VIO Server environment?

- A. Pcie2 riser card
- B. Multifunction card
- C. Memory Riser card
- D. Split backplane feature

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 25**

A client has recently purchased an IBM Flex System with several p460 nodes and p260 nodes. What IBM tool is required to manage the Power System nodes?

- A. Flex System Manager (FSM)
- B. Flex Management Console (FMC)
- C. Chassis Management Module (CMM)
- D. Hardware Management Console (HMC)

**Correct Answer:** A

**Section:** (none)

**Explanation**



**Explanation/Reference:**

Explanation:

**QUESTION 26**

A client is considering implementing PowersC into their current AIX 7.1 environment, Providing a secure virtualization layer through a Trusted Firewall is the main priority. Which Edition of PowerSO supports the requirement?

- A. Basic
- B. Express
- C. Standard
- D. Enterprise

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 27**

What are the primary factors to be considered when evaluating the bandwidth requirements of an application?

- A. Number of messages per secondAverage message size
- B. Number of transaction per secondDesired response time
- C. Number of I/O operations per secondNumber of concurrent transactions
- D. Availability of 10Gb Ethernet switchesDesired response time

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 28**

A customer has a mix of POWER5, POWER6, and POWER7 systems and wants to measure and control the power utilization. What is needed to support this requirement?

- A. Intelligent PDU (iPDU)Active Energy Manager
- B. Intelligent PDU (iPDU)Dynamic Power Capping (DPC)
- C. Energy Star ratingThermal Power Management Device (TPMD)
- D. Active Energy ManagerThermal Power Management Device (TPMD)

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 29**

A customer is interested in High Performance Computing, and considering a Power 775 server. Which of the following is a primary consideration in the decision making process?

- A. Whether they plan to use GPES
- B. Whether the environment supports Infiniband
- C. Whether their environment supports water cooled servers

D. Whether Capacity on Demand processors will be required

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 30**

A customer needs to keep AIX 5.2 running in their environment, but they want to run on POWER7 hardware. What is the best method to accomplish this task?

- A. LPAR
- B. AIXWPAR
- C. Versioned WPAR
- D. Live Application Mobility

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

correct answer.

#### **QUESTION 31**

A customer wants to provide automatic fail over capability, with minimal or no data loss, from an application running on a Power Systems server to another server located within 10 kilometers. Both servers are attached to local storage and the two sites are interconnected only with high speed communication links.

What approach should be adopted to support the requirement?

- A. Metro Mirror
- B. Global Mirror
- C. Synchronous GLVM
- D. Live Partition Mobility

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 32**

An LPAR has three virtual processors allocated. What is the maximum quantity of physical processors that could be consumed by this LPAR?

- A. 0.3
- B. 3
- C. 12
- D. 30

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 33**

A customer has EMC storage and wants to virtualize all SAN disks, including SAN boot disks, to 20 client LPARs of a Power 770.

The following requirements must also be included:

Which option supports these requirements?

- A. NPIV for all clients
- B. vSCSI for 20 client LPARs
- C. vSCSI for 20 clients plus NPIV for 1 client
- D. vSCSI for 19 clients and NPIV for 1 client

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 34**

A customer plans to move an application from their mainframe to a UNIX environment. What primary advantage does AIX have over the competition in preventing inadvertent memory overlays in both the kernel and the application space?

- A. Altivec
- B. Active Memory Sharing
- C. Storage Protection Keys
- D. Active Memory Expansion

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 35**

IBM releases updates for the AIX operating system annually. These updates include support for new hardware, software services, and software features. What is the correct term for these IBM AIX updates?

- A. Service Pack
- B. Technology Level
- C. Maintenance Level
- D. HIPER Service Pack

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 36**

What AIX command permits a user to quickly identify which processes are consuming the most processor resources?

- A. sar
- B. tprof

- C. topas
- D. svmon

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 37**

A client is considering implementing Role Based Access Control. What benefit does this bring to the AIX environment?

- A. It allows for the classification of users and data at different levels.
- B. It allows for the transfer of encrypted data over the internal network.
- C. It addresses the issue of system programs with setuid bits turned on.
- D. It addresses the issue of too many system administrators with root access

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

authentic answer.

#### **QUESTION 38**

A client plans to implement a High Availability solution for their existing Power Systems environment. The client was drawn to PowerHA 7.1 due to its integration with Cluster Aware AIX (CAA). Which of the following is a requirement for setting up CAA?

- A. Cluster Repository disk
- B. All I/O must be virtualized
- C. Smart Assists for PowerHA
- D. Dependent Resource Groups

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 39**

Comparing AIX and Linux, in which of the following situations should Linux on Power be suggested?

- A. Requirement for Virtual Tape
- B. Open source community support
- C. Active Memory Sharing is required
- D. PowerVM Lx86 is being implemented

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 40**

Which of the following is an advantage of system WPARs over application WPARs?

- A. User and group isolation
- B. Support for WPAR mobility
- C. Security isolation provided by the Hypervisor
- D. File systems inherited by the global environment

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 41**

During a solution design discussion with a client, a reference guide featuring side by side comparisons on Power Systems is needed for information and specifications. What is the name of this resource?

- A. Power Systems Design Guide
- B. Facts and Features Guide
- C. System Planning Tool (SPT)
- D. Systems Performance Report

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 42**

A customer wants to implement a DB2 pureScale HPC cluster on Power Systems with AIX, and is examining the options for the communication adapters in the servers. In addition to InfiniBand, which of the following adapter types is supported?

- A. Quad Data Rate (QDR)
- B. Double Data Rate (DDR)
- C. Fibre Channel Over Ethernet (FCoE]
- D. Remote Direct Memory Access Over Converged Ethernet (RoCE]

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 43**

A customer wants to improve their network bandwidth. What is one method they could use?

- A. VLAN
- B. Link Aggregation
- C. Host Ethernet Adapter
- D. Shared Ethernet Adapter

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 44**

A customer plans to purchase 2 Power 740 servers, and run 10 Red Hat Linux partitions on each server. How many Red Hat licenses are required?

A. 2



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B. 4

C. 10

D. 20

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 45**

A customer plans to purchase 4 new Power 770 servers and will create up to 50 AIX LPARs. In order to be able to implement AMS and LPM. Which PowerVM Edition will the customer need?

A. Basic Edition

B. Express Edition

C. Standard Edition

D. Enterprise Edition

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 46**

A customer requires a remote Disaster Recovery solution with manual failover and at lowest cost. Which of the following should be suggested?

A. MetroMirror

B. PowerHA Enterprise Edition

C. General Parallel File System (GPFS)

D. Geographic Logical Volume Manager (GLVM)

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 47**

What distinguishes micro-partitions from dedicated-processor partitions?

- A. Virtual I/O
- B. Virtual processors
- C. Dedicated memory
- D. Dynamic LPAR capability

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 48**

Which IBM tool is recommended to assist with the design and deployment of partitions?

- A. eConfigurator
- B. Workload Estimator
- C. Systems Director Manager
- D. System Planning Tool (SPT)

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 49**

A prospective customer is interested in running critical Linux workloads. Why should the customer choose Linux on Power versus Linux on a competitive x86 solution?

- A. More ISV applications
- B. Virtual machine mobility
- C. Support for major Linux distributions
- D. Reliability, Availability & Serviceability

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 50**

A customer owns two EMC Symmetrix storage units. They are adding 4 new Power 770 servers to their environment. The customer also wants to virtualize their existing storage and add 5TB of Solid State Drives to increase performance for existing AIX and Linux LPARs. Which single product will address all aspects of the customer's requirements?

- A. DS8870
- B. DCS3700
- C. Storwize V7000
- D. San Volume Controller

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**  
appropriate answer.

**QUESTION 51**

Which AIX performance tool provides a detailed snapshot of how virtual memory is used?

- A. tprof
- B. trace
- C. vmstat
- D. svmon

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**  
Explanation:

**QUESTION 52**

A Power Systems customer wants to remove software based replication from their environment and replicate data between DS8000 systems at two sites 350km apart. What is necessary to support this requirement?

- A. FlashCopy
- B. MetroMirror
- C. GlobalMirror
- D. SystemMirror

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**  
Explanation:

**QUESTION 53**

A customer plans to consolidate workloads, but wants the flexibility to move from virtual to physical I/O in the future if their LPAR workload changes. What feature provides this capability?

- A. NPIV
- B. DLPAR
- C. Live Partition Mobility
- D. Shared Ethernet Adapter

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**  
Explanation:

**QUESTION 54**

AIX Profile Manager is a tool used for managing which of the following?

- A. WPAR profiles
- B. User activity profiles
- C. Partition profiles on the HMC
- D. Runtime configuration profiles



**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 55**

A customer has multiple small workloads and is considering both LPAR and WPAR. Which of the following is an advantage of WPAR when compared to LPAR?

- A. Isolation
- B. Licensing
- C. Availability
- D. Administration

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 56**

AIX, Linux, and IBM i utilize a type of Capacity on Demand licensing consideration which provides a unit of measure used to differentiate licensing of IBM software on distributed processor technologies. What is the term which defines that unit of measure?

- A. Per user licensing (PuL)
- B. Processor Value Unit (PVU)
- C. Processor License Unit (PLU)
- D. Software Tier Licensing (STL)

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 57**

AIX and PowerHA licenses can be transferred from one machine to another when both source and destination machines have which characteristic?

- A. The same model number
- B. The same processor group
- C. The same customer number
- D. The same enterprise number

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

well answer.

**QUESTION 58**

A customer is performing a daily backup of a large amount of data to a shared SAN tape library. Reducing the overall backup time is a major concern. Which is the first action that should be recommended towards

reducing the overall backup time?

- A. Analysis of throughput bottlenecks
- B. Addition of Fibre Channel adapters
- C. Addition of tape drives on the tape library
- D. Review of processor and memory capacity

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 59

Which statement describes the function of the GPFS Policy Engine?



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- A. It provides a network block abstraction for file system I/O
- B. It provides asynchronous caching of files on remote clusters
- C. It enables monitoring of events associated with a filesystem or individual file
- D. It manages where file data is placed when created and moved between storage pools

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 60

A customer has a Power 560 and wants to move to a POWER7+ 770. Which of the following is supported?

- A. Migration to a new system, changing serial number
- B. Direct upgrade to Power 770, keeping serial number
- C. Upgrade with RPQ to maintain current serial number
- D. Two-step upgrade: first to Power 570, then to Power 770, keeping serial number

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 61

A customer is considering upgrading the SEA in the VIO Server (VIOS) from a 1Gb adapter to a 10Gb adapter. Which of the following is unaffected by the upgrade?

- A. Switch ports
- B. Network cables
- C. VIOS processor allocation

D. Client virtual adapter definitions

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 62**

To improve an OLAP application response times a customer requires a SAN-attached SSD storage solution with microsecond latency and highest density per rack. Which of the following supports these requirements?

- A. EXP30
- B. Storwize V7000
- C. Storwize V3700
- D. FlashSystem 720

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 63**

A client would like to manage and monitor a group of servers as a system pool. Which VMControl Edition is required?

- A. Basic
- B. Express
- C. Standard
- D. Enterprise

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 64**

A customer is deciding between NPIV and vSCSI for storage virtualization. What must be considered when using vSCSI, but not when using NPIV?

- A. The requirement for 8Gbps HBAs
- B. Whether or not to use VIOS storage pools
- C. The maximum of 32,000 virtual client devices
- D. Multi-path driver licensing for the client partitions

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 65**

Which of the following customer environments would benefit most from the implementation of Active

Memory Expansion?

- A. Workloads that peak at different times
- B. Workloads with highly compressible in-memory data
- C. Workloads that dedicate a large amount of memory to the file cache
- D. Workloads with applications configured to pin most of their virtual memory

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 66**

How do storage keys in AIX contribute to system reliability and availability?

- A. They are used to provide active memory mirroring
- B. They are used to provide active memory expansion
- C. They are used to prevent application memory access from an unauthorized user
- D. They are used to protect memory from being accidentally overwritten by another application

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 67**

Which of the following describes how Active Memory Sharing works?

- A. Automatically disables bad memory DIMMs
- B. Moves a running workload between different LPARs by copying contents of memory
- C. Compresses memory so the LPAR thinks it has more than actual physical memory assigned to it
- D. Virtualizes memory in a shared memory pool; hypervisor automatically moves physical memory between LPARs

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 68**

Which of the following permits scheduled collection of memory and processor utilization data for a managed system?

- A. Active System Optimizer (ASO)
- B. Dynamic Platform Optimizer (DPO)
- C. Hardware Management Console (HMC)
- D. System Management Interface Tool (SMIT)

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 69**

A customer plans to purchase a new Power 770 server. The customer needs to support WPARs, application mobility, and manage compliance policies. Which of the following is the most cost effective way to support the customer requirements?

- A. AIX Enterprise Edition
- B. PowerSCAIX Enterprise Edition
- C. WPAR ManagerAIX Standard Edition
- D. PowerSCWPAR ManagerAIX Standard Edition

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 70**

The distribution of entitled capacity among virtual processors in a micro-partition depends on which of the following?

- A. The processor compatibility mode
- B. The number of active virtual processors in the partition
- C. The number of maximum virtual processors in the partition profile
- D. The sum of the processor entitlements in the shared processor pool

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 71**

A customer plans to purchase 2 new Power 720 servers. The customer is interested in implementing shared processor pools and shared storage pools. Which is the minimum PowerVM Edition that will support this customer's needs?

- A. Basic Edition
- B. Express Edition
- C. Standard Edition
- D. Enterprise Edition

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 72**

A customer wants to save on licensing costs for their database servers, which currently run on non-virtualized pSeries servers.

In addition to consolidating these database servers into LPARs on a new Power Systems server, what else will help reduce licensing costs?

- A. Elastic CoD
- B. Full capacity licensing

- C. Shared processor pools
- D. Active Memory Expansion

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 73**

A customer wants to mix different applications in one LPAR to reduce administration costs. The applications must be prioritized with high and low workload.

What is the most simple way to support these requirements?

- A. WPAR
- B. Versioned LPAR
- C. WPAR Manager
- D. AIX Profile Manager

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 74**

What tool must be used to collect performance data for problem reporting to IBM when an AIX performance problem is suspected?

- A. sar
- B. topas
- C. nmon
- D. perfpmr

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 75**

What AIX command helps evaluate if a partition would benefit from Active Memory Expansion?

- A. sar
- B. vmstat
- C. amepat
- D. amestat

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 76**

What memory optimization feature or technique will be beneficial to a customer whose AIX applications experience peaks in memory usage at different times during the day?

- A. AIX Workload Manager
- B. Active Memory Sharing
- C. Automatic Memory Expansion
- D. Scheduled DLPAR operations

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 77**

A customer has an LPAR with 10GB of dedicated memory allocated to it. The customer has a requirement to run an application which needs 11GB of memory. Which technology enables the customer to run the application without adding memory to the LPAP?

- A. Active Memory Sharing
- B. Active Memory Mirroring
- C. Active Memory Expansion
- D. Active Memory Deduplication

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

proper answer.

#### **QUESTION 78**

A large financial institution needs to reduce the time to setup a new system in their secure virtualized environment. They need a streamlined process of hardening and monitoring their AIX system for security compliance.

What Edition of PowerSC is required to provide for just the Security and Compliance Automation?

- A. Basic
- B. Express
- C. Standard
- D. Enterprise

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 79**

A customer is purchasing a 6-core Power 720 with 1 1TB of storage to implement a new product line. The customer has one rack with 5U available for the solution, and does not own a SAN.

Which solution supports the storage requirements for this customer?

- A. 2 SAS RAID adapters1 EXP24s SAS disk drawer
- B. 1 GX++ adapter2 EXP24s SAS disk drawers
- C. 2 SAS RAID adapters1 EXP30 SSD disk drawer

D. 1 GX++ adapter1 EXP30 SSD disk drawer

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 80**

A client is configuring an LPAR that will participate in a shared processor pool:

What is the maximum number of virtual processors that will ensure optimal performance?

- A. 3
- B. 6
- C. 8
- D. 12

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 81**

AIX licensing for a Power Systems server is based on which of the following factors?

- A. Cores and CoD
- B. Cores and Edition
- C. Cores and processor group
- D. Cores, processor group, and Edition

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

fitted answer.

#### **QUESTION 82**

Which AIX Security option provides three layers of access control: Discretionary Access Control (DAC), Mandatory Access Control (MAC) and Mandatory Integrity Control (MIC)?

- A. Trusted AIX
- B. Trusted Execution
- C. Role Based Access Control
- D. Enhanced Role Based Access Control

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:





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