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Exam : A4040-108

Title : Assessment: Power Systems
Enterprise Technical Support for AIX
and Linux - v2

Vendors : IBM

Version : DEMO

NO.1 Which power reduction technology requires a software component in order to be activated?

- A. Power capping
- B. Processor folding
- C. Static power saving
- D. Processor core nap mode

Answer: A

NO.2 Which of the following commands will enable the SEA accounting?

- A. chacct -dev ent14 -attr enable
- B. optimizenet -set accounting=enabled
- C. chsea -dev ent14 -attr accounting=enable
- D. chdev -dev ent14 -attr accounting=enabled

Answer: D

NO.3 A customer backs up a database using tools provided by the vendor. The backup files are written to a filesystem that was initially created for use by the database, but the backup takes an unexpectedly long time. Which of the following methods will decrease the time required for backups?

- A. Use the vmo command to increase WriteBehind.
- B. Switch on Concurrent I/O for target filesystems.
- C. Switch off Concurrent I/O for target filesystems.
- D. Use the backup tools provided with the operating system.

Answer: C

NO.4 A company which sells books and DVDs runs their business on AIX Enterprise Edition on a Power

795. They have LPARs running back-office applications and other LPARs supporting their Internet based retail operations. They are considering a policy of switching between TurboCore mode and MaxCore mode, depending on workload. Which of the following considerations will have the most impact on the customer's business?

- A. The managed system will need to be restarted to change modes.
- B. There will be fewer cores available when using TurboCore mode.
- C. There will be less L3 cache available per core when using MaxCore mode.
- D. The applications running on the affected LPARs must support MaxCore and TurboCore modes.

Answer: A

NO.5 A customer has an existing deployment of IBM i LPARs running on POWER6 hardware. The customer is planning to add new AIX and IBM i LPARs on the same hardware. To avoid purchasing additional adapters, there is a requirement for the new LPARs to be completely virtualized. What virtualization options exist for hosting IBM i and AIX LPARs?

- A. Virtualization Engine (VE)
- B. N_Port ID Virtualization (NPIV)
- C. Advanced Power Virtualization (APV)
- D. Network Server Description (NWSD) and VIO Server

Answer: D

NO.6 Which of the following commands traces a processes system calls, received signals, and machine faults?

- A. prof
- B. topas
- C. truss
- D. mpstat

Answer: C

NO.7 A system administrator must provide network access to a single VLAN for multiple partitions on a Power 795 server. The Power 795 server has a pair VIO Server (VIOS) partitions, with a Shared Ethernet Adapter (SEA) in each one. Each SEA will use a single-port Ethernet adapter as a backing device. Both SEAs must support network traffic so both adapters are used simultaneously. Network service must be resilient. All client partitions must be able to maintain network access to this VLAN through either VIOS partition if the other VIOS partition fails or is taken out of service. Which of the following configurations would satisfy this goal?

- A. The SEAs are both connected to the same virtual switch. Both SEAs are configured for SEA failover. The client LPARs are configured with one virtual Ethernet adapter
- B. The SEAs are each connected to separate virtual switches. Both SEAs are configured for SEA failover. The client LPARs are configured with one virtual Ethernet adapter.
- C. The SEAs are both connected to the same virtual switch. Neither SEA is configured for SEA failover. The client LPARs are configured with NIB on two virtual Ethernet adapters.
- D. The SEAs are each connected to separate virtual switches. Neither SEA is configured for SEA failover. The client LPARs are configured with NIB on two virtual Ethernet adapters.

Answer: D

NO.8 An administrator attempts to migrate a running LPAR using the 'migrlpar' command. :

The command fails with two errors:

[VIOSE01090002-0445] The destination system is not compatible with the migrating partition.

[VIOSE01090024-0605] Partition with ID 2 cannot be migrated because the destination managed system does not support the desired processor compatibility mode.

What task will help the administrator determine the cause of the errors?

- A. Validate the configured attributes on the Properties tab of the LPAR profile.
- B. Validate that the VIO servers have the Mover Service Partition (MSP) attribute set.
- C. Validate that the required CPU entitlements are available on the destination server.
- D. Validate that the Logical Memory Block (LMB) size is consistent between both source and destination.

Answer: B