



**IBM**

# A4040-124

*Accessment: Power Systems with POWER7 and IBM i Sales Skills -v2*

- B. Extended Adaptive Cache should be used to create a system cache, reducing the physical I/O requests for the disk
- C. IBM i has the ability to automatically manage shared memory pools and will adjust the storage and activity levels as needed
- D. IBM POWER7 models offer an optional TurboCore mode which allows the processor cores to manage shared memory pools.

**Correct Answer** C

#### **QUESTION 58**

What information should be provided to a customer who wants to move from a 4-core POWER5 550 to a 4-core POWER7 system and keep the same serial number?

- A. Migrations are supported but not upgrades, so the serial number will change.
- B. The upgrade path which preserves the serial number is to a 4-core Power 740.
- C. Upgrades from the POWERS 550 are to a POWER7 or POWER7+ 750 or above.
- D. The upgrade path is to an 8-core Power 720, but they only need to license 4 cores to IBM i.

**Correct Answer** A

#### **QUESTION 59**

A customer has a Power 740 with 128GB of memory installed. There are 6 LPARs with dedicated memory implemented. Performance analysis shows that the usage of the memory in the different LPARs changes frequently and is rarely optimal.

How can memory optimization be achieved?

- A. Utility CoD Memory
- B. Shared Memory Pools
- C. Active Memory Sharing
- D. Active Memory Expansion

**Correct Answer** C

#### **QUESTION 60**

A Power 720 customer with IBM i and disk mirroring is afraid of being unprotected after a disk failure when waiting for IBM to replace it. They have asked whether there is a simple solution. Which of the following actions will relieve the customer concern?

- A. Add an extra disk unit which can be used as a hot spare. IBM i will synchronize it to the remaining good disk in the pair.

- B. Implement loop-level mirroring so that all disk pairs have a second set of mirrored disk pairs, automatically mirrored by IBM i.
- C. Purchase a spare disk unit to keep at the customer location. The customer could then replace the failed disk and resume mirroring.
- D. Turn on IBM i RAID-5 in addition to disk mirroring. IBM i can use parity data to rebuild both disks in the event of a second disk failure.

**Correct Answer** A

#### **QUESTION 61**

A customer has a Power Systems server with IBM i installed and must reduce the run time of a read-intensive batch job. Why does the use of Solid State Drives (SSDs) support this request?

- A. IBM i automatically moves the most active files to the SSDs.
- B. IBM i single level storage improves the performance of SSDs.
- C. IBM i performance is improved with SSDs due to on-board cache.
- D. IBM i supports multiple file types which leverage the use of SSDs.

**Correct Answer** A

#### **QUESTION 62**

A 010 has ordered a new POWER7 server with IBM i 7.1. The technical staff is unhappy as there is no money left to purchase a file server for a growing Windows application on their network. What solution should be reviewed with the Windows staff?

- A. IBM i supports remote SQL access and other database file serving functions that are intended to support attached Windows network clients.
- B. Independent auxiliary storage pools can be configured under IBM i to identify a collection of disk units intended to support Windows file systems.
- C. The IBM i Integrated File System enables attached POs to interact with Windows directories on Power storage as if they were stored locally on the PC.
- D. IBM i Access for Windows provides direct access to Windows files, stored as IBM i database files, eliminating the need to program proprietary database interfaces.

**Correct Answer** C

#### **QUESTION 63**

If a user needs to move LPARs between machines using Live Partition Mobility, which physical and or virtual resources are required?

- A. Ethernet and storage must be virtualized and supported by VIO Server.

- B. Dedicated physical Ethernet and storage for source and destination LPARs
- C. Dedicated direct-attached storage using fiber adapters for maximum bandwidth.
- D. Two virtualized SANs, one attached to the source server and one attached to the destination server.

**Correct Answer** A

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