



# P2090-054<sup>Q&As</sup>

IBM Information Management DB2 10.5 pureScale Technical Mastery  
Test v3

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#### QUESTION 1

Where is data stored in a typical DB2 pureScale environment?

- A. All members hold a local data partition of the database.
- B. Data is split among both, members and a shared storage.
- C. In a shared storage accessible by all members.
- D. Data is permanently stored in the cluster caching facility.

Correct Answer: C

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#### QUESTION 2

Which one of the following options is NOT a new feature introduced in DB2 10?

- A. Temporal Tables
- B. Table Partitioning
- C. Multi-Temperature Data Management
- D. INGEST utility

Correct Answer: B

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#### QUESTION 3

How does DB2 pureScale balance the workload among its members?

- A. Workload balance must be handled by the application.
- B. Workload balance is automatically performed by DB2 pureScale by rerouting the workload to members with lighter loads.
- C. Workload balance is handled by the Self Tuning Memory Manager (STMM) feature.
- D. Workload balance cannot be handled by DB2 pureScale. It must be handled by a third- party application.

Correct Answer: B

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#### QUESTION 4

Which of the following statements is FALSE about DB2 pureScale?

- A. DB2 pureScale provides near-linear scalability.



- B. DB2 pureScale requires application changes to scale out.
- C. DB2 pureScale provides 24 X 7 availability and it can recover itself from a crash.
- D. DB2 pureScale is able to handle key capacity spikes with pay by the day pricing.

Correct Answer: B

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#### QUESTION 5

Consider a scenario where your DB2 pureScale cluster caching facilities are in PEER state. What would be the state of the secondary cluster caching facility upon failure of the primary cluster caching facility and a successful takeover?

- A. ERROR
- B. PEER
- C. PRIMARY
- D. NEW\_PRIMARY

Correct Answer: C

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#### QUESTION 6

Which of the following options does NOT describe a benefit of DB2's Row Compression?

- A. Compression allows you to reduce CPU workload because there is less data to process.
- B. Compression allows you to retrieve the same amount of data using fewer disk operations (I/O).
- C. Compression allows you to cache more data in the buffer pools using the same amount of space.
- D. Compression allows you to store the same amount of data in less space, which can significantly save storage costs.

Correct Answer: A

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#### QUESTION 7

Which of the following options justifies why you should be actively monitoring buffer pool hit ratios on your DB2 pureScale environment?

- A. Attaining high local buffer pool (LBP) and global buffer pool (GBP) hit ratios are in general an indication of overall good performance as more pages are found in memory than having to fetch from I/O.
- B. Attaining low local buffer pool (LBP) and global buffer pool (GBP) hit ratios are in general an indication of overall good performance as more pages are found in memory than having to fetch from I/O.
- C. High local buffer pool (LBP) hit ratios are the only important metric that must be monitored since it indicates that there are a higher number of pages fetched from physical storage than from the local buffer pool.



D. Low local buffer pool (LBP) hit ratios are the only important metric that must be monitored since it indicates that there are a higher number pages fetched directly from physical storage than from the local buffer pool.

Correct Answer: A

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### QUESTION 8

The DB2 Storage Optimization feature allows you to save storage by compressing your database data. Which one of the following types of compression is new in DB2 10?

- A. Temporary Tables Compression
- B. Declared Global Temporary Tables Compression
- C. Adaptive Compression
- D. Classic Row Compression

Correct Answer: C

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### QUESTION 9

Which of the following options describes correct cluster caching facility states when both primary and secondary cluster caching facilities are in sync?

- A. primary: PRIMARY secondary: SECONDARY
- B. primary: SYNC secondary: SYNC
- C. primary: PRIMARY secondary: PEER
- D. primary: PEER secondary: CATCHUP

Correct Answer: C

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### QUESTION 10

Which one of the following statements is FALSE about DB2 Workload Management (WLM)?

- A. When a WLM threshold condition is violated an action is executed in order to maintain stability in the system.
- B. DB2 Workload Management uses workloads to identify incoming work based on the connection attributes under which the work is submitted.
- C. DB2 Workload Management dispatcher can be used to control sharing of memory resources among active workloads.
- D. DB2 Workload Management allows dynamic re-prioritization of work by remapping a workload to a different service class.

Correct Answer: C

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**QUESTION 11**

Which one of the following options is FALSE about DB2's Multi-Temperature Data Storage capability?

- A. You can use storage groups to implement multi-temperature data management in DB2.
- B. Multi-temperature data management reduces the total cost of ownership by allowing efficient deployment of storage hardware with minimal administrative overhead.
- C. Multi-temperature data management integrates with DB2's Workload Manager feature to let you prioritize your workloads based on the data being accessed.
- D. Multi-temperature data management best practices recommend that cold data should be stored in faster devices in order to maximize overall system performance.

Correct Answer: D

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**QUESTION 12**

Which DB2 licensing type is based on the number of users allowed to access the data server?

- A. PVU (Processor Value Unit) licensing
- B. Sub-capacity licensing
- C. Authorized User (AU) licensing
- D. Per Server licensing

Correct Answer: C

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**QUESTION 13**

Which of the following is NOT valid state for the Cluster Caching Facility?

- A. ONLINE
- B. PRIMARY
- C. ERROR
- D. PEER

Correct Answer: A

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**QUESTION 14**

Consider the scenario where a database administrator is required to restore a database backup for a DB2 pureScale environment. Which of the following statements is correct?



- A. The RESTORE DATABASE command will need to be executed on each DB2 member within the cluster to restore just the database. A separate command will be required to restore the metadata for each member.
- B. The RESTORE DATABASE command will need to be executed on the shared storage to restore the database. The metadata cannot be retrieved until the shared storage is restarted.
- C. The RESTORE DATABASE command will need to be executed on each DB2 caching facility within the cluster to restore just the database. All node metadata is not recoverable since it is not stored within database backups.
- D. The RESTORE DATABASE command will need to be executed on only one of the members within the cluster. This operation will restore both the database and metadata for all members.

Correct Answer: D

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### QUESTION 15

Which one of the following options is TRUE about DB2 pureScale?

- A. DB2 pureScale feature does not support range-partitioning tables.
- B. A DB2 pureScale installation is only supported on AIX platform.
- C. DB2 pureScale feature supports multiple interconnects for both members and cluster caching facilities (CFs).
- D. DB2 pureScale feature supports multiple interconnects for the cluster caching facilities (CFs).

Correct Answer: D

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