



P2090-054^{Q&As}

IBM Information Management DB2 10.5 pureScale Technical Mastery
Test v3

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**QUESTION 1**

Consider the scenario where a client application is connected to DB2 pureScale "member 1". The DB2 pureScale environment has three DB2 pureScale members. In a situation where "member 1" fails, the client is still able to execute operations against the DB2 pureScale cluster with minimal interference. Which of the following technologies allow the client to continue performing operations?

- A. Decentralized log files for member recovery.
- B. Geographically Dispersed pureScale Cluster (GDPC).
- C. Automatic Client Reroute.
- D. Redundant cluster caching facility.

Correct Answer: C

QUESTION 2

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

QUESTION 3

How does automatic storage work in DB2?

- A. Automatic storage simplifies storage management by allowing you to specify storage paths where the database manager can place table space data.
- B. Automatic storage is an option which is set when you create a DB2 database. It allows transactions that are executed to be automatically committed.
- C. Automatic storage is a function of DB2 that allows tables to be backed up automatically on a set schedule.
- D. Automatic storage allows automatic allocation of free space in memory for optimizing query execution.

Correct Answer: A

**QUESTION 4**

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

QUESTION 5

Consider the scenario where two members, "M1" and "M2", intend to update two different rows on the same data page: 1."M1" is doing an update on row R1 within a data page. It is granted exclusive access to the page containing that row of data. 2."M2" requires an exclusive lock to the same page to update row R2. It passes this request to the cluster caching facility. "M2" waits while the request is processed. 3.The cluster caching facility sees that member "M1" already has an exclusive access to the page. It issues a request to "M1" for the page. In the meantime, "M2" waits. 4."M1" processes the request by writing the page back to the global buffer pool and then releasing the page lock. ("M1" retains any row or table locks it might have had). 5.The cluster caching facility grants "M2" access to the page. "M2" reads the page from the global buffer pool to perform whatever operations for which the page is needed. Which of the following DB2 pureScale monitoring elements can be used to monitor the above scenario?

- A. Lock escalation.
- B. Lock contention.
- C. Log Retain.
- D. Page reclaiming.

Correct Answer: D

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