

P2090-054^{Q&As}

IBM Information Management DB2 10.5 pureScale Technical Mastery
Test v3

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QUESTION 1

What is the DB2 Load utility?

- A. The DB2 Load utility is a tool that stores all scripts that are required to create the database. It does not load data, but just loads the database metadata that was exported for a site backup.
- B. The DB2 Load utility is a tool that allows you to directly transfer data and objects from another database into the one you are currently working with.
- C. The DB2 Load utility is a high-speed, low-level, data loading utility that loads data into a DB2 database.
- D. The DB2 Load utility can be used to load and create external functions in a DB2 database.

Correct Answer: C

QUESTION 2

A DB2 pureScale environment has fourteen DB2 members and one cluster caching facility. Having each of the members and cluster caching facility hosted on a separate physical machine, what is the recommended number of redundant cluster caching facilities necessary so that the DB2 pureScale environment could be available if the primary cluster caching facility fails?

- A. 0
- B. 1
- C. 2
- D. 3

Correct Answer: B

QUESTION 3

Which one of the following options is FALSE?

- A. WLM is not supported in DB2 pureScale environments.
- B. HADR with multiple standbys supports reads on all standby databases.
- C. Implementation of a row and column access control policy is transparent to applications accessing the database.
- D. The INGEST utility is capable of transforming and loading data from files and pipes at high speeds into DB2 tables.

Correct Answer: A

QUESTION 4

Consider the scenario where a server "pscale1" hosts a DB2 member and one cluster caching facility. In a situation where a database administrator wants to perform an operating system update on "pscale1", which one of the following options will ensure that both the member and cluster caching facility won't be automatically restarted by DB2 cluster services while the system is upgraded?

- A. Log in to any of the hosts as a root user. Stop the member and cluster caching facility. Remove the member and cluster caching facility from the cluster.
- B. Log in to any of the hosts as root user. Bring the member on "pscale1" to quiesce mode. Bring the member on "pscale1" to maintenance mode. Bring cluster caching facility on "pscale1" to maintenance mode.
- C. Log in to "pscale1" as a DB2 instance user. Bring the member on "pscale1" to quiesce mode and stop the cluster caching facility. Stop the instance on "pscale1". Log in as DB2 cluster services administrator. Bring "pscale1" host to maintenance mode.
- D. Log in as a cluster services administrator. Bring the member on "pscale1" to quiesce mode and stop the cluster caching facility. Bring the member on "pscale1" to maintenance mode. Bring cluster caching facility on "pscale1" to maintenance mode.

Correct Answer: C

QUESTION 5

What is a buffer pool in DB2?

- A. A buffer pool is an area of main memory that has been allocated by the database manager for the purpose of caching table and index data as it is read from the physical media.
- B. A buffer pool is a DB2 component that manages connections to databases.
- C. A buffer pool is a pool of connection buffers that increases performance of applications connecting to the DB2 server.
- D. A buffer pool is a logical storage grouping composed of one or more containers.

Correct Answer: A

QUESTION 6

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

QUESTION 7

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

QUESTION 8

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

QUESTION 9

Which of the following options best defines the Label-Based Access Control (LBAC) feature?

- A. DB2 LBAC allows you to use labels to reference database objects by a short name instead of the full qualified name.
- B. DB2 LBAC lets you decide exactly who has write/read access to individual rows and columns by comparing the security labels between database objects and users.
- C. DB2 LBAC monitors table data access and tables modifications made by database users.
- D. DB2 LBAC is the DB2 authority in charge of issuing GRANT and REVOKE statements.

Correct Answer: B

QUESTION 10

What are some of the benefits of DB2 Express?

- A. DB2 Express has affordable licensing terms with all of the core features of the DB2 engine.
- B. DB2 Express is designed for development and testing. It is not used as a production database.
- C. DB2 Express is fastest and most powerful DB2 edition.
- D. DB2 Express is a tool that allows DBAs to quickly solve complex database issues.

Correct Answer: A

QUESTION 11

Which of the following options best describes the differences between Label Based Access Control (LBAC) and Row and Column Access Control (RCAC)?

- A. RCAC is a fixed label security model designed for the US government while LBAC is a general purpose security model best suited for commercial customers.
- B. RCAC returns the data based on what is being asked (data centric), while LBAC returns data based on who is asking what (user centric). Users with DATAACCESS authority are exempt from the Row and Column Access Control rules.
- C. LBAC allows you to protect access only to rows, while RCAC allows you to protect both rows and columns.
- D. With RCAC users do not get an error when accessing protected data, while with LBAC users can get an error if they don't have the necessary credentials to access a LBAC protected column.

Correct Answer: D

QUESTION 12

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

- A. DB2 Workload Management requires several application changes in order to make the application aware of the WLM feature.
- B. DB2 Workload Management guarantees the availability of data by replicating it to a stand-by server.
- C. DB2 Workload Management can be used to schedule maintenance tasks such as BACKUPS, REORGs, or RUSTATS.
- D. DB2 Workload Management allows you to assign resources to different workloads, which leads to a stable and predictable execution environment.

Correct Answer: D

QUESTION 13

Which one of the following options contains a benefit of the Java Generic Table Functions?

- A. Java Generic Table Functions allow you to specify the output of a table function when you create it, rather than when you reference it.

B. Java Generic Table Functions allow you to specify the output of a table function when you reference it, rather than when you create it.

C. Java Generic Table Functions must run on a separate server, thus they don't consume DB2 resources.

D. Java Generic Table Functions can be implemented in any programming language.

Correct Answer: B

QUESTION 14

Which of the following statements is FALSE when monitoring the high usage of lock memory in a DB2 pureScale environment?

A. Performance will not be affected due to high usage of Lock Memory.

B. Data concurrency issues can arise due to a high number of lock escalations.

C. Lock escalations can take place if there is insufficient memory.

D. Request for locks might be denied.

Correct Answer: A

QUESTION 15

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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