



C2090-616^{Q&As}

DB2 11.1 Fundamentals for LUW

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QUESTION 1

The DDL statement is used to create table T1: CREATE TABLE t1 (
c1 INTEGER,
c2 INTEGER NOT NULL,
c3 DECIMAL(11,2),
c4 TIMESTAMP WITH DEFAULT CURRENT TIMESTAMP
)

Which of the following INSERT statements will execute successfully?

- A. INSERT INTO t1 VALUES (100)
- B. INSERT INTO t1 (c1, c2) VALUES (100)
- C. INSERT INTO t1 (c1, c3) VALUES ('100', '100.00')
- D. INSERT INTO t1 (c2, c3) VALUES (100, 100.00), (101, 101)

Correct Answer: B

QUESTION 2

You are asked to provide a recommendation for the appropriate DB2 edition for a new application. The application is characterized by long, complex queries that select a subset of columns and often perform grouping and aggregation. The initial database size is estimated at 5 TB, with growth of about 100 GB per year. Keep data size on disk to a minimum is a priority?

Which of the following editions would be best meet the described needs?

- A. DB2 Express-C
- B. DB2 Enterprise Server Edition
- C. DB2 Workgroup Server Edition
- D. DB2 Advanced Enterprise Server Edition

Correct Answer: D

QUESTION 3



The creator of an index or an index specification automatically receives which privilege on the index?

- A. SELECT
- B. DELETE
- C. UPDATE
- D. CONTROL

Correct Answer: D

QUESTION 4

Which of the following DB2 objects in an efficient way of representing data without the need to maintain it and requires no permanent storage?

- A. View
- B. Alias
- C. Table
- D. Schema

Correct Answer: A

QUESTION 5

Which of the following features can provide significant benefits in storage savings, performance of analytic workloads, and time to value?

- A. pureScale
- B. auto reorg
- C. BLU acceleration
- D. Self tuning memory manager

Correct Answer: C

QUESTION 6

Which of the following is TRUE about a COMMIT statement executed at the end of the T1 unit of work?

- A. A ROLLBACK command executed just after the COMMIT command cancels that COMMIT.
- B. Save points defined during transaction T1 are released only if there is a RELEASE SAVEPOINT command executed



after the COMMIT command.

C. It finishes the current T1 unit of work and a new one is initiated, however it is possible to ROLLBACK to the latest SAVEPOINT before COMMIT.

D. It finishes the current T1 unit of work and a new one is initiated. All changes made by UPDATE and DELETE commands during unit of work T1 are committed.

Correct Answer: D

QUESTION 7

Which constraint can be used to ensure that identical values are never stored in a set of columns in a table?

A. NOT NULL

B. Foreign key

C. Primary key

D. Informational constraint

Correct Answer: C

QUESTION 8

Which of the following is TRUE regarding user switching in a trusted context?

A. You cannot switch user id in a trusted context.

B. You can issue a switch-user request within a transaction.

C. The new user must have the connect-privilege on the database for it to succeed.

D. No password is ever required for the new user as an authentication is established in the trusted connection.

Correct Answer: D

QUESTION 9

Which of the following is designed for continuous availability, increased throughput of many concurrent short queries, and easy scalability?

A. DB2 HADR

B. DB2 pureScale



- C. DB2 Express-C
- D. DS2 Database Partitioning Feature

Correct Answer: B

QUESTION 10

A multi-partition database environment using BLU acceleration is designed to meet which of the following requirements? (Choose two.)

- A. Easy scalability
- B. Management of very large data sets
- C. Continuously available dataset solution
- D. Increased throughput of many concurrent short running queries
- E. Faster response time of long-running or complex queries with I/O spread across many computers

Correct Answer: BE

QUESTION 11

Which of the following compatibility features is always active, regardless of the settings for the DB2_COMPATIBILITY_VECTOR registry variable or the SQL_COMPAT global variable?

- A. Implicit casting
- B. Double-dot notation
- C. Use of bitmap indexes
- D. Selecting from the DUAL table

Correct Answer: D

QUESTION 12

A portion of your database tables are used for OLTP-type processing and another portion are used for more analytical queries. There is a small subset of tables that are used in both of these usage patterns. What could you use to derive the analytic improvements offered by BLU technology in such an environment?

- A. Shadow tables



- B. Range-partitioned tables
- C. Materialized query tables
- D. Multidimensional clustering tables

Correct Answer: A

QUESTION 13

DB2 offers compatibility features through the DB2_COMPATIBILITY_VECTOR registry variable or the SQL_COMPAT global variable that improve application compatibility with which of the following? (Choose two.)

- A. Oracle
- B. Sybase
- C. Netezza
- D. MongoDB
- E. Microsoft SQL Server

Correct Answer: AB

QUESTION 14

What is the primary use case for creating an index with the RANDOM option on a table?

- A. Maximize performance with OLTP random key queries
- B. Maximize performance when inserting into an expression based index containing the RAND() function
- C. Minimize contention due to ascending key or descending key inserts, especially in a pureScale environment
- D. Minimize hashing skew on a table in a multiple database partition environment, especially with column organized tables

Correct Answer: C

QUESTION 15

Which of the following statements will successfully create a table that stores index data in a different table space than the table data?

- A. CREATE TABLE t1 (c1 INT, c2 INT);



- B. CREATE TABLE t1 (c1 INT, c2 INT) IN TS1 INDEX IN TS2;
- C. CREATE TABLE t1 (c1 INT, c2 INT) IN TS1 INDEX IN TS1;
- D. CREATE TABLE t1 (c1 INT, c2 INT) DATA IN TS1 INDEX IN TS2;

Correct Answer: B

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