

C2090-616 Dumps

DB2 11.1 Fundamentals for LUW

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NEW QUESTION 1

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

Answer: C

NEW QUESTION 2

Which DB2 product required to allow connections from DB2 LUW to DB2 on z/OS?

- A. DB2 Connect
- B. DB2 Runtime Client
- C. DB2 Data Server Client
- D. DB2 Enterprise Server Edition

Answer: A

NEW QUESTION 3

Which of the following is TRUE about indexes on column organized tables?

- A. No indexes are allowed
- B. Indexes are only allowed on numeric columns
- C. Indexes are automatically created to enforce unique constraints
- D. An index is only allowed on the synopsis table supporting a column organized table

Answer: A

NEW QUESTION 4

Which database object can be locked explicitly?

- A. Row
- B. View
- C. Index
- D. Table

Answer: D

NEW QUESTION 5

The following statements are executed:

GRANT CREATETAB, DATAACCESS, ON DATABASE TO ROLE role A; GRANT CREATETAB, BINDADD ON DATABASE TO ROLE role B;

GRANT ROLE role A to USER db2inst3; GRANT ROLE role B to USER db2inst3;

Which of the following is TRUE if this statement is executed later? REVOKE ROLE roleB FROM USER db2inst3;

- A. This statement will succeed and DB2 INST3 will still be able to create in the database
- B. This statement will succeed and DB2 INST3 only retains DATAACCESS privileges on the database
- C. This statement will fail as CREATETAB is granted to two different roles and must be revoked at the same time
- D. This statement will succeed with a warning since CREATETAB cannot be totally revoke
- E. DB2INST3 will retain both roles

Answer: D

NEW QUESTION 6

What is the maximum precision for the DECIMAL data type?

- A. 7
- B. 15
- C. 23
- D. 31

Answer: D

Explanation:

A decimal number is a packed decimal number with an implicit decimal point. The position of the decimal point is determined by the precision and the scale of the number. The scale, which is the number of digits in the fractional part of the number, cannot be negative or greater than the precision. The maximum precision is 31 digits.

Reference https://www.ibm.com/support/knowledgecenter/en/SSEPEK_11.0.0/intro/src/tpc/db2z_numericdatatypes.html

NEW QUESTION 7

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

- A. SELECT

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

Answer: D

NEW QUESTION 8

Which of the following is fundamental to BLU acceleration?

- A. pureScale
- B. Column organized tables
- C. Multidimensional clustering
- D. Purchasing new hardware that is compatible with BLU acceleration and compression

Answer: B

NEW QUESTION 9

Which of the following statements regarding locking is TRUE?

- A. The same lock modes apply to tables, rows, or blocks
- B. Lock conversion can take place implicitly as a query executes
- C. Changing the mode of a lock that is already held is called lock escalation
- D. Lock conversion is not necessary if an X lock is required and an S or U lock is currently held

Answer: B

NEW QUESTION 10

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

Answer: B

NEW QUESTION 10

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

Answer: C

NEW QUESTION 15

Consider the following SQL statement: SELECT workdept, empno, lastname, salary, RANK() OVER (PARTITION BY workdept ORDER BY salary) AS rank_salary FROM employee ORDER BY workdept, lastname

What does the RANK() OVER (PARTITION BY workdept ORDER BY salary) clause do?

- A. It ranks the rows in each WORKDEPT by SALARY
- B. It groups all rows by WORKDEPT, then ranks all rows in the complete result set by SALARY
- C. It generates a blank output line after each group of rows with the same WORKDEPT, and ranks these groups by SALARY
- D. It tells the optimizer to physically partition the EMPLOYEE table by the WORKDEPT column for runtimeexecution, and ranks each WORKDEPT by SALARY

Answer: B

NEW QUESTION 18

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

Answer: AB

NEW QUESTION 21

A user executes the following statements: REATE TABLE t1 (c1 INT, c2 INT); CREATE ALIAS a1 FOR t1; What will be the result if the user executes the following statement? DROP ALIAS a1;

- A. The alias A1 will be dropped
- B. The table T1 will be dropped
- C. Both T1 and A1 will be dropped
- D. Nothing, the statement will result in an error

Answer: A

NEW QUESTION 26

Which of the following authorities is sufficient for connecting to a database?

- A. SQLADM
- B. CONNECT
- C. DATAACCESS
- D. ACCESSCTRL

Answer: D

NEW QUESTION 30

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

Answer: D

NEW QUESTION 33

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

Answer: C

NEW QUESTION 37

If the LOCKSIZE for a table is changed from TABLE to ROW, which of the following is TRUE?

- A. Concurrency may be improved
- B. Lock escalation will be prevented
- C. Query performance will be reduced
- D. The number of locks for the same workload will be reduced

Answer: A

NEW QUESTION 39

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