

## C2090-616 Dumps

### DB2 11.1 Fundamentals for LUW

<https://www.certleader.com/C2090-616-dumps.html>



**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**

Below are the SQL statements a DBA is planning to execute on a database: CREATE TABLE t1 (name VARCHAR (1));  
INSERT INTO t1 VALUES ('A'), ('B'), ('C'), ('D');  
ALTER TABLE t1 ALTER COLUMN name SET DATA TYPE INT;  
What will be the outcome of the last statement?

- A. The statement will fail due to variable length character error
- B. The statement will fail due to an incompatible data type error
- C. The statement will execute successfully and it deletes the character data
- D. The statement will execute successfully and it internally converts the character data into ASCII numbers

**Answer:** C

**NEW QUESTION 3**

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 4**

What of the following is TRUE about triggers?

- A. Triggers are activated by INSERT, UPDATE, DELETE and SELECT statements
- B. Triggers can be used to perform data manipulation operations against complex views
- C. Triggers can only be used to execute logic before or after appropriate SQL statements
- D. Only one trigger for a particular event and activation time can be created for a particular table

**Answer:** A

**NEW QUESTION 5**

Which of the following statements about triggers are TRUE? (Choose two.)

- A. There is a limit of 8 for the maximum number of cascading trigger activations
- B. Triggers can be activated as a result of changes due to referential constraint enforcement
- C. Multiple INSTEAD OF triggers are allowed for each kind of operation on a given subject view
- D. Constraints associated with a subject table are applied between execution of BEFORE and AFTER triggers
- E. The activation of the triggers for a particular table, event and activation time are conducted in descending order of trigger creation time

**Answer:** BD

**NEW QUESTION 6**

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 7**

Which of the following commands can undo the work done by the current unit of work executing UPDATE statements on a table?

- A. COMMIT
- B. SAVEPOINT
- C. ROLLBACK WORK
- D. UPDATE TERMINATE

**Answer:** C

**NEW QUESTION 8**

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

**Answer:** D

**NEW QUESTION 9**

Which three facilities are used to control authorization in DB2?

- A. privileges, db2ssh, LBAC credentials
- B. privileges, authority levels, certificates
- C. db2ssh, trusted contexts, authority levels
- D. privileges, authority levels, LBAC credentials

**Answer:** D

**NEW QUESTION 10**

Which of the following SQL statements will remove all rows from the table T1? (Choose two.)

- A. DELETE FROM t1
- B. DELETE\* FROM t1
- C. DELETE\* TABLE t1
- D. TRUNCATE TABLE t1 IMMEDIATE
- E. TRUNCATE TABLE t1

**Answer:** AB

**NEW QUESTION 10**

Which database object can be locked explicitly?

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

**Answer:** D

**NEW QUESTION 12**

What is the purpose of a role?

- A. To define exactly what a specific user can and cannot do within a particular database once they have been authenticated
- B. To group a collection of users together so that they can be simultaneously granted and revoked specific authorities and privileges
- C. To group a collection of privileges together so that they can be simultaneously granted to and revoked from multiple users, groups, or other roles
- D. To assign one or more users that need to run local DB2 applications and tools on a particular server to the DB2ADMNS or the DB2USERS group

**Answer:** A

**NEW QUESTION 16**

Which isolation level will allow application A to immediately read the committed value of a row that is exclusively locked by application B?

- A. Read Stability
- B. Cursor Stability
- C. Repeatable Read
- D. Cursor Stability with WAIT FOR OUTCOME clause

**Answer:** A

**Explanation:** Read stability (RS) locks only those rows that an application retrieves within a unit of work. It ensures that any qualifying row read during a unit of work is not changed by other application processes until the unit of work completes, and that any row changed by another application process is not read until the change is committed by that process

**NEW QUESTION 20**

The current user wants to produce a list of all user privileges she has been granted. Which table or view can be queried to produce the desired result?

- A. SYSCAT.DBAUTH
- B. SYSIBMADM.GRANTS
- C. SYSIBMADM.PRIVILEGES
- D. SYSCAT.USER\_TAB\_PRIVS

**Answer:** A

#### NEW QUESTION 24

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 28

Application 1 executes the following statements:

INSERT INTO TAB1 (NAME,AMOUNT) VALUES ('John,100); COMMIT;

UPDATE TAB1 SET AMOUNT=90 WHERE NAME='John';

After a few seconds, application 2 executes the following query: SELECT AMOUNT FROM TAB1 WHERE NAME='John'

Assuming the Currently Committed (CUR\_COMMIT) configuration parameter is enabled, which of the following is TRUE?

- A. Application 2 will read the amount of 90
- B. Application 2 will read the amount of 100
- C. Application 2 will receive a warning message
- D. Application 2 will enter lock-wait state until application 1 commits or the locktimeout value expires

**Answer:** B

#### NEW QUESTION 31

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

#### NEW QUESTION 35

Which locking event occurs when two applications lock rows that are needed by the other, such that neither application can continue executing?

- A. Deadlock
- B. Lock timeout
- C. Lock escalation
- D. Lock conversion

**Answer:** A

#### NEW QUESTION 36

What is the maximum length allowed for a VARCHAR2 data type when the VARCHAR2\_COMPAT database configuration parameter is set to ON?

- A. 32672 bytes
- B. 65344 bytes
- C. 98016 bytes
- D. 130688 bytes

**Answer:** A

#### NEW QUESTION 37

Consider the following query and the resulting set of data:

SELECT empno, lastname FROM emp WHERE empno BETWEEN '000020' and '000070' Result:

If the query below is executed, how many rows will be returned?

SELECT empno FROM emp WHERE empno > '000020' AND empno '000070'

- A. 1
- B. 3
- C. 5

**Answer:**

C

**NEW QUESTION 42**

Which of the following statements about stored procedures is TRUE?

- A. Stored procedures can be written in SQL PL, but not in the PL/SQL dialect
- B. The CREATE SOURCED PROCEDURE statement defines a procedure that is based on another procedure in a federated database
- C. There are three types of stored procedures which can be deployed: SQL procedures, external procedures, and sourced procedures
- D. Two identically-named procedures within a schema are permitted to have exactly the same number of parameters, but the parameters must have different data types assigned

**Answer:** B

**NEW QUESTION 43**

Which of the following authorities are sufficient for creating a database? (Choose two.)

- A. DBADM
- B. SYSADM
- C. SECADM
- D. SYSCTRL
- E. SYSMAINT

**Answer:** BD

**NEW QUESTION 44**

Which DB2 object is associated with PREVIOUS VALUE and NEXT VALUE expressions?

- A. Sequence
- B. Row Identifier
- C. Identity Column
- D. Insert time clustering table

**Answer:** A

**NEW QUESTION 46**

Which of the following statements describe super exclusive (Z) locks for a table? (Choose two.)

- A. No other applications can access the table
- B. Only uncommitted read (UR) applications can access the table
- C. The lock owner and other applications can read, but not update, the locked table
- D. The lock owner can both read and update dat
- E. Other applications can read the table
- F. This lock is acquired under certain conditions, such as when the table is altered or dropped or an index on the table is dropped

**Answer:** AE

**NEW QUESTION 47**

BLU Acceleration is included in which of the following edition of DB2 LUW? (Choose two.)

- A. Direct Standard Edition
- B. Enterprise Server Edition
- C. Workgroup Server Edition
- D. DB2 Direct Advanced Edition
- E. Advanced Enterprise Server Edition

**Answer:** BC

**NEW QUESTION 49**

Consider the following sequence of events:

Eddie grants SELECT WITH GRANT OPTION privilege to Mike. Mike grants SELECT privilege to Jeff.

Eddie revokes SELECT privilege from Mike. What will happen to Jeff's SELECT privilege?

- A. Jeff's SELECT privilege will be revoked
- B. Jeff's SELECT privilege will be retained
- C. Jeff's SELECT privilege will be retained only if he has ACCESSCTRL authority
- D. Jeff's SELECT privilege will be retained only if Eddie has ACCESSCTRL authority

**Answer:** A

**NEW QUESTION 54**

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 58**

Your manager has asked you to review cloud service offering for hosting a DB2 database. As the DBA, you still want to maintain control over all maintenance and patching operations. Which of the following Cloud offerings best suits your needs?

- A. Cloudant
- B. DB2 on Cloud
- C. dashDB for analytics
- D. dashDB for transactions

**Answer:** B

**NEW QUESTION 63**

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 67**

The application owners say they need to be able to query a table and previous versions of that table. Which type of table is appropriate to satisfy this requirement?

- A. Shadow Table
- B. Temporal Table
- C. Range-Partitioned Table
- D. Multidimensional Clustered Table

**Answer:** B

**NEW QUESTION 71**

Which of the following statements will successfully create a table that scores 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;

**Answer:** B

**NEW QUESTION 76**

Which of the following isolation levels most reduces concurrency and is most likely to cause lock escalations?

- A. Read Stability
- B. Cursor Stability
- C. Repeatable Read
- D. Uncommitted Read

**Answer:** C

**NEW QUESTION 77**

Which operation typically requires a Share (S) lock?

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

**Answer:** D

**NEW QUESTION 78**

With HADR, which of the following configuration and topology choices provides the highest level of protection from potential loss of data in a pureScale environment?

- A. Principal standby with SYNC synchronization mode
- B. Auxiliary standby with SYNC synchronization mode
- C. Principal standby with NEARSYNC synchronization mode
- D. Auxiliary standby with SUPERSYNC synchronization mode

**Answer:** A



**Explanation:** Standby databases are synchronized with the primary database through log data that is generated on the primary and shipped to the standbys. The standbys constantly roll forward through the logs. You can choose from four different synchronization modes. In order of most to least protection, these are SYNC, NEARSYNC, ASYNC, and SUPERASYNC.

**NEW QUESTION 82**

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 initiate
- E. All changes made by UPDATE and DELETE commands during unit of work T1 are committed

**Answer:** D

**NEW QUESTION 87**

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

**Answer:** A

**NEW QUESTION 88**

Which of the following SQL statements will update columns C1 to DB2 and C2 to 11 if C3 is 2016?

- A. UPDATE t1 c1 = 'DB2, c2' = 11
- B. UPDATE t1 SET c1 = 'DB2, c2' = 11
- C. UPDATE t1 c1 = 'DB2', c2 = 11 WHERE c3 = 2016
- D. UPDATE t1 SET (c1, c2) = ('DB2', 11) = WHERE c3 = 2016

**Answer:** C

**NEW QUESTION 91**

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

**Answer:** BE

**NEW QUESTION 93**

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 97**

.....

## Thank You for Trying Our Product

\* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

\* One year free update

You can enjoy free update one year. 24x7 online support.

\* Trusted by Millions

We currently serve more than 30,000,000 customers.

\* Shop Securely

All transactions are protected by VeriSign!

**100% Pass Your C2090-616 Exam with Our Prep Materials Via below:**

<https://www.certleader.com/C2090-616-dumps.html>