C2090-320 Dumps

DB2 11 Fundamentals for z/OS

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NEW QUESTION 1
In order to evaluate the real-time relative disorganization of an index, which catalog table would you query?

A. SYSIBM.SYSINDEXES
B. SYSIBM.SYSINDEXPART
C. SYSIBM.SYSINDEXSTATS
D. SYSIBM.SYSINDEXSPACESTATS

Answer: B

NEW QUESTION 2
Which catalog tables are populated by RTS? (Choose two.)

A. SYSIBM.SYSTABLES
B. SYSIBM.SYSINDEXES
C. SYSIBM.SYSINDEXPART
D. SYSIBM.SYSINDEXSPACESTATS
E. SYSIBM.SYSTABLESPACESTATS

Answer: DE

NEW QUESTION 3
Consider the following scenario:
User1 creates table USER1.TABLE1 in DATABASE1 User1 grants ALL PRIVILEGES on TABLE1 to User2 User2 grants ALL PRIVILEGES on TABLE1 to User3 User1 revokes ALL PRIVILEGES on TABLE1 to User2 User3 has DBCTRL authority on DATABASE1
Is User3 able to retrieve rows from TABLE1?

A. No
B. Yes
C. No, if the revoke used INCLUDING DEPENDENT PRIVILEGES
D. Yes, if User3 was granted DBCTRL prior to the creation of table USER1.TABLE1

Answer: B

NEW QUESTION 4
When the following SQL statement is executed, the user SMITH is able to manage all objects in the DB2 subsystem except for which of the following?
GRANT DBADM ON SYSTEM TO smith;

A. Tables
B. Traces
C. Sequences
D. Security Objects

Answer: A

NEW QUESTION 5
To ensure only positive values are entered into a column, you add a constraint on the SALARY column of a previously populated table If D32 cannot guarantee the existing values in the column are positive, it will place the table space or partition that contains the table into which of the following states?

A. CHECK PENDING
B. REORG PENDING
C. REBUILD PENDING
D. ADVISORY REORG PENDING

Answer: A

NEW QUESTION 6
Which of the following is NOT a valid lock size in DB2?

A. Table
B. Partition
C. Database
D. Table space

Answer: C

NEW QUESTION 7
Which of the following is a characteristic of a stand-alone utility?

A. It can only be executed using JCL
B. It can only be executed by a user with SYSADM
C. It can only be executed if no other utilities are running
D. It can only be executed in a non-data sharing environment

Answer:

A

NEW QUESTION 8
For a partition-by-range table, which data types can be used to define the key columns that are used to partition the data? (Choose two)

A. XML I
B. BINARY
C. DECIMAL
D. VARCHAR
E. DECFLOAT

Answer: AD

NEW QUESTION 9
Which catalog table would you query in order to determine the relevant statistics for an index?

A. SYSIBM.SYSKEYS
B. SYSIBM.SYSFIELDS
C. SYSIBM.SYSCOLUMNS
D. SYSIBM.SYSINDEXSTATS1

Answer: D

NEW QUESTION 10
Which BIND option determines when DB2 will do authorization checking?

A. DEFER
B. DEPLOY
C. VALIDATE
D. CURRENTDATA

Answer: C

NEW QUESTION 10
In which address space would a native SQL stored procedure run?

A. WLM
B. DIST
C. DBM1
D. The address space of the calling program

Answer: C

NEW QUESTION 12
Which privilege or authority is required to use the DSN command?

A. None
B. SYSADM
C. SECADM
D. EXECUTE

Answer: B

NEW QUESTION 16
We want to increase the salary for each employee (EMP) in the department (WORKDEPT) D11 and we want to see the new salaries(SALARY) for each of them.
Which single SQL statement will do this?

A.
```
UPDATE emp SET salary = salary * 1.1 WHERE workdept = 'D11';
SELECT lastname, salary FROM emp;
```

B.
```
SELECT lastname, salary FROM FINAL TABLE
(UPDATE emp SET salary = salary * 1.1 WHERE workdept = 'D11');
```

C.
```
SELECT lastname, salary FROM NEW TABLE
(UPDATE emp SET salary = salary * 1.1 WHERE workdept = 'D11');
```

D.
```
SELECT lastname, salary FROM emp
(UPDATE emp SET salary = salary * 1.1 WHERE workdept = 'D11');
```

A. A
B. B
C. C
D. D

Answer: D

NEW QUESTION 21
You are designing a payroll table that will contain a salary column. Which of the following is the appropriate built-in data type for a salary column?

A. REAL
B. BIGINT
C. DECIMAL
D. INTEGER

Answer: C

NEW QUESTION 24
Which of the following CREATE TABLE or associated CREATE INDEX options are valid when defining a table with the PARTITION BY RANGE clause? (Choose two)

A. MAXPARTITIONS
B. ENDING AT clause on a CREATE INDEX statement for the table
C. MEMBER CLUSTER
D. ENDING AT clause on the CREATE TABLE statement
E. A LOB column specified as a column of the partitioning key

Answer: B

NEW QUESTION 29
Which authorizations can change the value of the subsystem parameter SYSADM using the –SET SYSPARM command? (Choose two.)

A. SYSADM
B. SECADM
C. SYSCTRL
D. Installation SYSADM
E. Installation SYSOPR

Answer: DE

NEW QUESTION 33
Which of the following actions can you take in order to prevent users from obtaining implicit privileges as a result of object ownership?

A. Create the object in a trusted context that is defined with the ROLE AS OBJECT OWNER AND QUALIFIER clause
B. Create the object after activating the SEPARATE_SECURITY=YES DSNZPARM
C. Let somebody with SYSCTRL authority create the object
D. Create the object after activating an audit policy that will apply to the table that you are about to create

Answer: A

NEW QUESTION 35
Which isolation level is described by the following?
The ISOLATION (..) option allows maximum concurrency with data integrity. Under the ISOLATION (..) option, a transaction holds locks only on its uncommitted changes and on the current row of each of its cursors.

A. CS
B. UR
C. RR
D. RS

Answer: A

NEW QUESTION 40
Which statement is TRUE regarding ROLLBACK processing?

A. It only reads active logs
B. It always needs archive logs
C. It can never be processed just from memory
D. It uses output buffers, active and archive logs

Answer: D

NEW QUESTION 42
In the parent table of a referential constraint, a parent key must be which of the following? (Choose two.)

A. A unique key
B. A foreign key
C. A primary key
D. A duplicate key
E. A secondary key

Answer: AC

NEW QUESTION 43
Select the SQL statement which will list the employee(empno) and the project numbers(projno) from the EMPACT table that has an employee(empno) whose salary(salary) is in the top three salaries for all employees from the EMP table.
A)

```
SELECT empno, projno
FROM empact ep
WHERE ep.empno IN
(SELECT em.empno
FROM emp em
ORDER BY salary DESC)
FETCH FIRST 3 ROWS ONLY;
```

B)

```
SELECT empno, projno
FROM empact
WHERE empno IN
(SELECT empno
FROM emp
FETCH FIRST 3 ROWS ONLY);
```

C)

```
SELECT ep.empno, projno
FROM empact ep
WHERE ep.empno IN
(SELECT em.empno
FROM emp em
ORDER BY salary
FETCH FIRST 3 ROWS ONLY);
```

D)

```
SELECT ep.empno, projno
FROM empact ep
WHERE ep.empno IN
(SELECT em.empno
FROM emp em
ORDER BY salary DESC
FETCH FIRST 3 ROWS ONLY);
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: D

NEW QUESTION 45
Which of the following is NOT TRUE?

A. An index can be created on XML columns
B. Length must be specified for an XML column
C. XML columns can be added to existing tables
D. Triggers can be created on tables with XML columns

Answer: D

NEW QUESTION 48
You want to reduce lock contention that results from uncommitted insert and delete operations by enabling transactions that read data to access only the currently committed data rather than waiting for the uncommitted changes to be resolved. How can you accomplish this?

A. Bind your application with ISOLATION(UR)
B. Bind your application with ISOLATION(CS)
C. Bind your application with CONCURRENTACCESSRESOLUTION (WAITFOROUTCOME)
D. Bind your application with CONCURRENTACCESSRESOLUTION (USECURRENTLYCOMMITTED)

Answer: D

NEW QUESTION 52
Which job generates the subsystem parameter module?

A. DSNTIJIN
B. DSNTIJJP
C. DSNTIJUZ
D. DSNTIJEN

Answer: C

NEW QUESTION 57
You want to limit the access of a table to allow users to only see certain columns and/or rows. Which of the following options CANNOT be used to accomplish this?

A. A view
B. Multilevel security
C. An MQT (Materialized Query Table)
D. A combination of row permissions and column masks

Answer: C

NEW QUESTION 60
Given a non-partitioned table space TS1 is built with LOCKSIZE ROW, LOCKMAX 1000 and SEGSIZE 64. If a unit of work acquires 1001 locks against table space TS1, the lock will be escalated to which of the following levels?

A. PAGE
B. TABLE
C. PARTITION
D. TABLESPACE

Answer: C

NEW QUESTION 64
User1 creates table user1 .customers in a partitioned-by-growth (PBG) table space DB1.TS1
Which of the following operations CANNOT be performed by user1 with implicit owner privileges on the table?

A. Run the LOAD utility to load data
B. Create a VIEW on the customers table
C. Run the REORG utility to reorganize the data
D. Issue an SQL LOCK TABLE statement against the customers table

Answer: A

NEW QUESTION 66
Which of the following effectively and efficiently manages priorities of a mixed workload as a result of its tight integration with DB2 for z/OS?

A. Data Facility Storage Management
B. z/OS Parallel Sysplex Configuration
C. Workload Manager
D. z Systems Processor Resource

Answer: C

NEW QUESTION 69
Given the following:

```
CREATE TABLE POLICY_INFO_AET
(POLICY_ID CHAR(10) NOT NULL,
COVERAGE INT NOT NULL);

CREATE TABLE POLICY_INFO_ARC
(POLICY_ID CHAR(10) NOT NULL,
COVERAGE INT NOT NULL);
```

ALTER TABLE POLICY_INFO_AET ENABLE ARCHIVE USE POLICY_INFO_ARC: SET SYSIBMADM.MOVE_TO_ARCHIVE = T; ***
Which of the following occurs automatically when rows are deleted from POLICY_INFO_AET?

A. The deleted rows are moved from POLICY_INFO_AET table to PaOLICY_INFO_ARC table
B. The logically deleted rows are removed from POLICY_INFO_ARC table during the REORG
C. The deleted rows are removed from both POLICY_INFO_AET and POLICY_INFO_ARC tables
D. The deleted rows are moved from POLICY_INFO_AET table to POLICY_INFO_ARC table during theREORG

Answer: D

NEW QUESTION 72
If a scrollable cursor is INSENSITIVE, which of the following applies?

A. The cursor is read only
B. WITH ROWSET POSITIONING is not allowed
C. The select-statement must not contain an SQL data change statement
D. The cursor has sensitivity to changes that are made to the database after the result table is materialized

Answer: A

NEW QUESTION 76
Your application has a read-only cursor. You cannot tolerate uncommitted data but want to make sure that it provides the best concurrency. Which of the following bind options would provide the locking you need with optimistic locking?

A. ISOLATION(UR)
B. ISOLATION(RS)
C. ISOLATION(CS)CURRENTDATA(NO)
D. ISOLATION(CS)CURRENTDATA(YES)

Answer: C

NEW QUESTION 80
Given the following CREATE VIEW statement and sample data; your login id is "ROGER". What will be the result for this query?

```
CREATE VIEW EMP_INFO_VW (EMPID, NAME, ACCESS) AS
      SELECT EMPID, NAME, ACCESS
      FROM EMP_INFO
      WHERE ACCESS = CURRENT SQLID
            WITH CASCADED CHECK OPTION;

TABLE DATA:
EMPID     NAME              ACCESS
1         Christine ROGER
2         Puja ROGERSMITH
3         Fred ROGER
4         Roger SROGER
5         Troy RSMITH
6         Matt ROGERM

SELECT COUNT(*) FROM EMP_INFO_VW;
```

A. 6
B. 5
C. 4
D. 2

Answer: C

NEW QUESTION 83
When the following SQL statement is executed, user smith will NOT be able to do which of the following? REVOKE USE OF STOGROUP stogr1 FROM smith;

A. CREATE TRIGGER...;
B. CREATE TABLE... IN dbl.ts1;
C. CREATE DATABASE ... STOGROUP stogr1;
D. CREATE TABLESPACE... USING STOGROUP stogr1;

Answer: C

NEW QUESTION 88
Which type of lock is obtained when using a 'WITH UR1 clause on an SQL SELECT statement in a data-sharing environment?

A. U-lock
B. S-lock
C. P-lock
D. No lock is obtained

Answer: B

NEW QUESTION 93
Assume DELETE triggers exist on the employee table. Which of the following statements will delete all the rows in the employee table and ignore any DELETE triggers?

A. TRUNCATE employee;
B. DELETE FROM employee;
C. DELETE FROM employee WHERE…;
D. TRUNCATE employee RESTRICT WHEN DELETE TRIGGERS;

Answer: B

NEW QUESTION 95
Given the tables:

```
PARTS table:

PART        PROD#       SUPPLIER
- - - -     - - - -     - - - - - - -
- - - -     - - - -     - - - - - - -
WIRE        10          ACWF
OIL         160         WESTERN_CHEM
MAGNETS     10          BATEMAN
PLASTIC     30          PLASTIK_CORP
BLADES      205         ACE_STEEL


PRODUCTS table

PROD#       PRODUCT         PRICE
- - - -     - - - -         - - - - -
505         SCREWDRIVER     3.70
30          RELAY           7.55
205         SAW             18.90
10          GENERATOR       45.75
```

Which SQL statement would join the tables on product number (prod#) and provide a table of what products (product), if any, the parts (part) are used? Limit the result to only parts where suppliers (supplier) do not start with the letter A.

A.

```
SELECT part, supplier, parts.prod#, product
 FROM parts JOIN products
  ON parts.prod# = products.prod#
  WHERE supplier NOT LIKE 'A%';
```

B.

```
SELECT part, supplier, parts.prod#, product
 FROM parts LEFT OUTER JOIN products
  ON parts.prod# = products.prod#
  WHERE supplier NOT LIKE 'A%';
```

C.

```
SELECT part, supplier, parts.prod#, product
 FROM parts JOIN products
  ON parts.prod# = products.prod#
AND supplier NOT LIKE 'A%';
```

D.

```
SELECT part, supplier, parts.prod#, product
 FROM parts RIGHT OUTHER JOIN products
  ON parts.prod# = products.prod#
  AND supplier NOT LIKE 'A%';
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: A

NEW QUESTION 96
A view is considered read only if which of the following is TRUE?

A. The first EROM clause identifies only one table
B. The outer fullselect contains an ORDER BY clause
C. The first SELECT clause specifies the DISTINCT option
D. The fullselect includes a column of a base table that is defined as implicitly hidden

Answer: B

NEW QUESTION 100
Which CREATE TABLESPACE option specifies that a table space is partition-by-growth?

A. DSSIZE
B. PARTITION
C. NUMPARTS
D. MAXPARTITIONS

Answer: D

NEW QUESTION 102
You need to add the employee picture to the employee table. Which of the following is the appropriate built-in data type for storing images?

A. BLOB
B. CLOB
C. DBCLOB
D. VARGRAPHIC

Answer: B

NEW QUESTION 105
A summary table can be easily maintained using which of the following?

A. An auxiliary table
B. A partitioned table
C. A bi-temporal table
D. A materialized query table

Answer: D

NEW QUESTION 110
Which of the following is NOT a valid trigger?

A. MERGE
B. INSERT
C. UPDATE
D. DELETE

Answer: A

NEW QUESTION 114
An application program is running much longer than expected. The PLAN_TABLE shows the following access path information:
ACCESSTYPE = 'R' PREFETCH = 'S'
What access path does this represent?

A. IN-list access
B. Direct row access
C. Dynamic prefetch access
D. Table space scan access

Answer: D

NEW QUESTION 115
Which privilege will user smith be able to grant to another user on table emp when the following SQL is executed?
GRANT ALL ON TABLE emp TO smith WITH GRANT OPTION;

A. BIND
B. REORG
C. TRIGGER
D. EXECUTE

Answer: D

NEW QUESTION 116
Which of the following are contained in the PLAN_TABLE? (Choose two.)

A. RUNSTATS recommendations
B. Access to LOB values, which are stored separately from the base table
C. Access to parent or dependent tables needed to enforce referential constraints
D. Whether an index access or table space scan is used for each access to a table
E. The join methods and types that are used, and the order in which DB2 joins the tables

Answer: DE

NEW QUESTION 119
Which package level privileges does the user smith have when the following statement is executed? GRANT ALL ON PACKAGE clct1.pkg1 TO smith;

A. GRANT, COPY, BIND, RUN
B. BIND, EXECUTE, COPY, RUN
C. CREATE, COPY, RUN, EXECUTE
D. COPY, BINDADD, SQL, EXECUTE

Answer: B

NEW QUESTION 122
Which of the following statements about a system-period temporal table is TRUE?

A. Rows can be archived into a history table which is always read only
B. Every row has a pair of timestamps which is set and managed by the application
C. AN SQL query for auditing can be run against current data or history data, but not both
D. The table contains only the current active rows

Answer: B

Explanation:
In a system-period temporal table, every row has a pair of timestamps, which are set by the DB2 system and recorded in the begin_column and end_column

columns. DB2 uses the SYSTEM_TIME period to audit the data changes. It provides the application with the database managed row begin and row end timestamp maintenance, providing non-overlapping time periods with no gaps in time.

NEW QUESTION 123
Which DB2 command displays the status information about DB2 database MYDB and displays the status of all objects in this database?

A. -DISPLAY DATABASE(MYDB) OVERVIEW
B. -DISPLAY DATABASE(MYDB) SPACENAM(*)
C. -DISPLAY DATABASE(MYDB) SPACENAM(') RES
D. -DISPLAY DATABASE(MYDB) SPACENAMO ACTIVE

Answer: D

NEW QUESTION 126
Which of the following describes OLTP workload rather than an analytics workload?

A. Extreme data volume
B. Temporary or intermediate staging of data
C. Set-oriented processing and bulk operations
D. A large number of short, discrete, atomic transactions

Answer: D

NEW QUESTION 128
The DB2 subsystem DSN has been correctly configured to access a remote DB2 location MYREMOTE. Which of the following processes can be used on subsystem DSN to access MYUSER.EMP table at MYREMOTE location?

A. SELECT * FROM MYUSER.EMP;
B. CONNECT TO MYREMOTE;SELECT * FROM MYUSER.EMP;
C. SELECT * FROM MYUSER.MYREMOTE.EMP;
D. CREATE ALIAS EMP_ALIAS FOR LOCATION.MYREMOTE.MYUSER.EMP;SELECT * FROM MYUSER.EMP_ALIAS;

Answer: B

NEW QUESTION 132
DB2 native SQL procedures execute in which DB2 address space?

A. IRLM
B. DIST
C. DBM1
D. WLM stored procedure

Answer: D

NEW QUESTION 135
What is the implicitly created column in a base table which contains an XML column called?

A. Node ID
B. ROWID
C. LOCATOR
D. DOCID

Answer: B

NEW QUESTION 136
Which SQL statement can be used to provide diagnostic information about the last SQL statement that was executed?

A. GET DIAGNOSTICS
B. DESCRIBE OUTPUT
C. DECLARE STATEMENT
D. SET CURRENT DEBUG MODE

Answer: A

NEW QUESTION 138
You want to see all messages that were generated by one specific DB2 subsystem such as log switches and timeout messages. Which job log would show all of these?

A. MSTR
B. DBM1
C. DIST
D. IRLM

Answer: A

NEW QUESTION 142
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