

## C2090-600 Dumps

### IBM DB2 11.1 DBA for LUW

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**NEW QUESTION 1**

What levels of authority are needed to create a storage group? (Choose two.)

- A. DBADM
- B. SYSADM
- C. SQLADM
- D. SYSCTRL
- E. SYSMANT

**Answer:** BD

**NEW QUESTION 2**

For any given column-organized user table, the associated synopsis table may contain information for which of the following data types? (Choose two.)

- A. XML
- B. BLOB
- C. CLOB
- D. VARCHAR
- E. DATETIME

**Answer:** DE

**NEW QUESTION 3**

Which tool can be used to get database design recommendations based on SQL statements stored in the database package cache?

- A. db2pd
- B. db2dart
- C. db2expln
- D. db2advis

**Answer:** C

**NEW QUESTION 4**

Which is the correct way to back up only metadata about database backups, table space backups, and table load operations for database MYDB?

- A. CONNECT TO mydbPRUNE HISTORY TO /outdir
- B. db2trc on -db mydb -m "backup,load"run the desired operationsdb2tc dumpdb2trc.dmpdb2tc format db2tc.dmp db2tc.fmtdb2tc off
- C. BACKUP DATABASE mydb NO TABLESPACE TO /outdir
- D. db2setDB2\_BCKP\_PAGE\_VERIFICATION=TRUE must be issued first (no instance restart is needed).Run the desired operations.Afterwards, issue db2trc dump <outfile>

**Answer:** B

**NEW QUESTION 5**

Which phase of the LOAD utility is unique to loading column organized tables?

- A. LOAD
- B. BUILD
- C. DELETE
- D. ANALYZE

**Answer:** D

**NEW QUESTION 6**

An HADR environment has two standby databases – one principal and one auxiliary. What is the only mode that can be used to transfer data to the auxiliary standby?

- A. SYNC
- B. ASYNC
- C. NEARSYNC
- D. SUPERASYNC

**Answer:** D

**NEW QUESTION 7**

Which DB2 Explain Facility tool uses the Explain tables to display access plain information?

- A. db2look
- B. db2advis
- C. db2expln
- D. db2exfmt

**Answer:** C

**NEW QUESTION 8**

Automatic space reclamation for column-organized tables can be accomplished in which of the following scenarios?

- A. When the registry variable DB2\_AUTORECLAIMSPACE=YES
- B. After termination all the back-end processes using TERMINATE command
- C. After setting the database configuration parameter AUTO\_DEL\_REC\_OBJ to ON
- D. When the registry variable DB2\_WORKLOAD=ANALYTICS prior to database creation

**Answer:** C

**NEW QUESTION 9**

What is the main benefit of performing an ADMIN\_MOVE\_TABLE operation in multiple steps?

- A. It does not acquire locks on the table
- B. It does not require additional temporary disk space
- C. It enables the user to control when the table will be offline
- D. It allows the ADMIN\_MOVE\_TABLE procedure to be used in HADR environments

**Answer:** D

**NEW QUESTION 10**

Which ALTER TABLE statements will put a table named TAB1 in “reorg-pending” state? (Choose two.)

- A. ALTER TABLE tab1 APPEND ON
- B. ALTER TABLE tab1 DROP COLUMN col1
- C. ALTER TABLE tab1 ALTER COLUMN col1 SET NOT NULL
- D. ALTER TABLE tab1 DETACH PARTITION part1 INTO tab\_part1
- E. ALTER TABLE tab1 ADD CONSTRAINT pk\_tab1 PRIMARY KEY (col1)

**Answer:** BC

**NEW QUESTION 10**

Which of the following SQL statements will list table spaces whose utilization is greater than 95% and may potentially fill, returning an error?

- A. SELECT tbsp\_name, tbsp\_utilization\_percent FROM TABLE(sysproc.mon\_tbsp\_utilization()) AS t WHERE tbsp\_utilization\_percent > 95 AND tbsp\_auto\_resize\_enabled = 1;
- B. SELECT tbsp\_name, tbsp\_utilization\_percent FROM syscat.mon\_tbsp\_utilization WHERE tbsp\_utilization\_percent > 95 AND tbsp\_auto\_resize\_enabled = 0;
- C. SELECT tbsp\_name, tbsp\_utilization\_percent FROM syscat.mon\_tbsp\_utilization WHERE tbsp\_utilization\_percent > 95 AND tbsp\_auto\_resize\_enabled = 1;
- D. SELECT tbsp\_name, tbsp\_utilization\_percent FROM sysibmadm.mon\_tbsp\_utilization WHERE tbsp\_utilization\_percent > 95 AND tbsp\_auto\_resize\_enabled = 0;

**Answer:** C

**NEW QUESTION 12**

Assuming no database connections exist, which of the following will dynamically change the LOCKLIST database configuration parameter for a database named SAMPLE to AUTOMATIC?

- A. UPDATE DB CFG FOR sample USING LOCKLIST AUTOMATIC IMMEDIATE
- B. UPDATE DB CFG FOR sample USING LOCKLIST 8192 AUTOMATIC IMMEDIATE
- C. CONNECT TO sample; UPDATE DB CFG FOR sample USING LOCKLIST AUTOMATIC IMMEDIATE; CONNECT RESET;
- D. ATTACH TO db2inst1; UPDATE DB CFG FOR sample USING LOCKLIST AUTOMATIC; DETACH;

**Answer:** C

**NEW QUESTION 17**

How would you enable self-tuning of memory areas that are controlled by memory configuration parameters?

- A. Set the DB2\_WORKLOAD aggregate registry variable to ANALYTICS for self-tuning of the sort parameter on workloads that access column-organized tables.
- B. Set the SELF\_TUNING\_MEM database configuration parameter to ON using the UPDATE DATABASE CONFIGURATION command or the db2CfgSet API.
- C. Set the sorheap or the sheapthres\_shr configuration parameters to AUTOMATIC using the UPDATE DATABASE CONFIGURATION command or the db2CfgSet API with sheapthres set to at least 4K.
- D. Use AUTOMATIC keyword for the buffer pool size on the CREATE BUFFERPOOL statement or the ALTER BUFFERPOOL statement after making sure that at least one entry is present in SYSCAT.BUFFERPOOLDBPARTITIONS.

**Answer:** B

**NEW QUESTION 18**

A DBA has observed that queries executed against SALES table have poor performance. DB2 tools have indicated that the level of data fragmentation in the SALES table is very high. Similar results were detected for indexes defined on the SALES table.

Which of the following commands should be used by the DBA to improve the performance of the queries run against the SALES table?

- A. REORG TABLE sales AND INDEXES ALL; RUNSTATS ON TABLE sales AND INDEXES ALL;
- B. REORG TABLE sales INPLACE; REORG INDEXES ALL FOR TABLE sales; RUNSTATS ON TABLE sales AND INDEXES ALL;
- C. RUNSTATS ON TABLE sales AND INDEXES ALL; REORGCHK ON TABLE sales;
- D. RUNSTATS ON TABLE sales INPLACE AND INDEXES ALL;

**Answer:** A

**NEW QUESTION 22**

When choosing the dimensions for an MDC table, poor space utilization can occur due to low cell density. What can cause an MDC table to use much more space?

- A. The page size is too small.
- B. The extent size is too small.
- C. Low cardinality of the dimension(s) chosen.
- D. High cardinality of the dimension(s) chosen.

**Answer:** D

**NEW QUESTION 26**

Which of the following statements is TRUE?

- A. REORGCHK automatically runstables reorganization.
- B. REORGCHK uses only current table and index statistics.
- C. REORGCHK can only be used for user tables, not for system tables.
- D. REORGCHK can be used to verify the level of data fragmentation and indicate whether reorganization might be required.

**Answer:** B

**NEW QUESTION 27**

On Linux and Unix systems, which of the following will set the DB2\_FMP\_COMM\_HEAPSZ registry variable to 1 GB (or 256000 pages), only for the instance db2inst1?

- A. As the db2 instance owner (db2inst1) execute the command: `export DB2_FMP_COMM_HEAPSZ=256000`
- B. Add to the following line to the userprofile (db2inst1): `DB2_FMP_COMM_HEAPSZ=256000`
- C. As the db2 instance owner (db2inst1) execute the command: `db2set -i DB2_FMP_COMM_HEAPSZ=256000`
- D. As the db2 instance owner (db2inst1) execute the command: `db2set -i db2inst1 DB2_FMP_COMM_HEAPSZ=256000`

**Answer:** C

**NEW QUESTION 30**

You suspect there is a communications issue between a member and a cluster caching facility (CF) in a DB2 pureScale instance. Which command will provide diagnostic information that can be used to confirm your suspicions?

- A. `db2cluster -verify`
- B. `db2cluster -cm -list -alert`
- C. `db2cluster -verify -configuration`
- D. `db2cluster -cm -verify -resource`

**Answer:** D

**NEW QUESTION 34**

Which two tasks must be done to read data directly from IBM Softlayer Object Storage and insert it into a DB2 database? (Choose two.)

- A. Catalog a storage access alias in the DB2 database
- B. Create an FTP account on IBM Softlayer Object Storage
- C. Use the DB2REMOTE parameter of the LOAD command
- D. Establish a remote connection to IBM Softlayer Object Storage using DB2 Connect
- E. Create a local disk alias at the database server operating system level that points to IBM Softlayer Object Storage

**Answer:** AC

**NEW QUESTION 39**

Which statement about the DB2\_BCKP\_COMPRESSION registry variable is TRUE?

- A. It does not apply to table space backups.
- B. It specifies the compression mode to use for DB2 backups.
- C. It only has effect when applied to a database in which all tables have been compressed.
- D. If set, backup images created with the BACKUP command are automatically compressed.

**Answer:** D

**NEW QUESTION 43**

The DBA is concerned about a new application potentially corrupting a set of tables in table space TS1 in database DB1. TAB1 is a table in TS1. The DBA performs the following commands before running the application. The first QUIESCE completes at time "pit".

`BACKUP DATABASE DB1 TABLESPACE (TS1) ONLINE QUIESCE TABLESPACES FOR TABLE tab1 EXCLUSIVE QUIESCE TABLESPACES FOR TABLE tab1 RESET`

Which of the following is TRUE?

- A. The QUIESCE EXCLUSIVE is recorded in the History File once the QUIESCE RESET completes.
- B. Once the first QUIESCE completes, there are no running transactions involving tab1, but there might be running transactions against other tables in TS1.
- C. After application corruption, the DBA restores a backup of TS1 and issues `ROLLFORWARD DATABASE TO pit AND COMPLETE TABLESPACE (ts1) ONLINE`. There might become uncommitted data in TS1.
- D. After application corruption, the DBA restores a backup of TS1 and issues `ROLLFORWARD DATABASE TO pit AND COMPLETE TABLESPACE (ts1) ONLIN`

E. This ensures none of the application changes were applied.

**Answer:** D

#### NEW QUESTION 46

If the following SQL statements are executed:

```
CREATE TABLE department  
  (deptno CHAR(3) NOT NULL,  
   location CHAR(16))  
  ORGANIZE BY ROW;
```

```
ALTER TABLE department  
  ADD CONSTRAINT pk_dept PRIMARY KEY (deptno) NOT ENFORCED;
```

```
INSERT INTO department VALUES ( 'A25', 'New York');  
INSERT INTO department VALUES ( 'B26', 'Chicago');  
INSERT INTO department VALUES ( 'A25', 'Dallas');  
INSERT INTO department VALUES ( 'A56', 'San Jose');
```

How many rows will be added to the DEPARTMENT table?

- A. 1
- B. 2
- C. 3
- D. 4

**Answer:** D

#### NEW QUESTION 47

Which operation can be performed with trusted context privileges that are acquired through a role?

- A. DML operations
- B. DDL operations
- C. Server maintenance operations
- D. Security administration operations

**Answer:** A

#### NEW QUESTION 52

When operating in NPS compatibility mode, which of the following are limitations for using a routine written in NZPLSQL? (Choose two.)

- A. The routine cannot contain comments.
- B. The routine must return either an integer or a null.
- C. The routine must be cross-compatible with Oracle PL/SQL syntax rules.
- D. The routine cannot contain argument lists or variable arguments (varargs).
- E. The routine must be generated with IBM Database Conversion Workbench (DCW).

**Answer:** BD

#### NEW QUESTION 57

What is the schema name of the DB2 built-in global variable TRUSTED\_CONTEXT?

- A. SYSIBM
- B. SYSFUN
- C. SYSCAT
- D. SYSIBMADM

**Answer:** A

#### NEW QUESTION 58

Which command can be used to view the configured global registry settings for all installed DB2 copies found on a Linux server?

- A. db2val
- B. db2set
- C. db2look
- D. db2greg

**Answer:** B

#### NEW QUESTION 60

Which of the following actions do you need to acquire the current encryption settings for a database protected by native encryption?



- A. Select from the ADMIN\_GET\_ENCRYPTION\_INFO table function
- B. Run the db2ckbkp command and verify the compression settings
- C. Check the encrypted database parameter in database configuration
- D. Check ENCROPTS database configuration parameter for encryption options

**Answer:** D

#### NEW QUESTION 63

What is the result of the following scenario?

```
CREATE TABLE ten_pct (  
    key INT NOT NULL,  
    amt DECIMAL(10,0) NOT NULL);  
  
CREATE OR REPLACE TRIGGER ten_pct_upd BEFORE UPDATE ON ten_pct  
    REFERENCING  
        OLD AS old_row  
        NEW AS in_row  
    FOR EACH ROW  
    WHEN (in_row.amt IS NULL)  
        SET in_row.amt = old_row.amt * 1.10;  
  
INSERT INTO ten_pct VALUES (2, 100.0);  
  
UPDATE ten_pct SET amt = NULL  
    WHERE key = 2;
```

- A. The row is updated to (2, NULL)
- B. The row is updated to (2, 110.00)
- C. SQL0407N Assignment of a NULL value to a NOT NULL column is not allowed
- D. The CREATE TRIGGER statement will fail because amt is defined as NOT NULL

**Answer:** B

#### NEW QUESTION 67

The DBA has observed that queries executed against SALES table have poor performance. SALES is a compressed table and recently there have been a lot of rows inserted and modified in that table. The DBA has detected that lower performance may be the result of sub-optimal compression dictionary for that table. Which of the following commands should be used to resolve the problem without preventing users from changing data in the SALES table

- A. REORG TABLE sales INPLACE RESETDICTIONARY
- B. REORG TABLE sales INPLACE REBUILDDICTIONARY
- C. REORG TABLE sales ALLOW WRITE ACCESS RESETDICTIONARY
- D. REORG TABLE sales ALLOW WRITE ACCESS REBUILDDICTIONARY

**Answer:** C

#### NEW QUESTION 68

What does dsmtop use to gather metrics?

- A. db2pd
- B. db2dart
- C. the system catalog
- D. monitoring tablefunctions

**Answer:** D

#### NEW QUESTION 69

Which of the following enables the user to connect to the HADR standby database and execute select statements?

- A. DB2\_HADR\_ROS
- B. HADR\_SPOOL\_LIMIT
- C. DB2\_HADR\_SOSNDBUF
- D. DB2\_HADR\_PEER\_WAIT\_LIMIT

**Answer:** A

#### NEW QUESTION 71

Which options are valid for an online reorganization operation?

- A. FULL and RECLAIM EXTENTS
- B. CLASSIC and RECLAIM EXTENTS

- C. FULL and CLEANUP OVERFLOWS
- D. CLEAN OVERFLOWS and RECLAIM EXTENTS

**Answer:** A

#### **NEW QUESTION 72**

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