

A2090-544^{Q&As}

Assessment: DB2 9.7 Advanced DBA for LUW - Assessment

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QUESTION 1

Given a database with Self-Tuning Memory Manager (STMM) enabled, what will DB2 do when a new buffer pool is created using the IMMEDIATE option?

- A. Attempt to create the buffer pool and immediately request additional memory from the operating system to allocate. If the operating system memory is not available, the buffer pool will not be created.
- B. Attempt to create the buffer pool and immediately allocate the memory requested, resizing the existing buffer pools and heaps as required. If there is insufficient memory in the global memory allocation for DB2, the buffer pool will not be created.
- C. Attempt to create the buffer pool and immediately allocate the memory requested from available database shared memory. If the memory available is not sufficient, then allocation of the buffer pool will be deferred until the database is stopped and restarted.
- D. Attempt to create the buffer pool and immediately request additional instance level memory. If the instance level memory is not available, then creation of the buffer pool is deferred until the database is stopped and restarted.

Correct Answer: C

QUESTION 2

Which command would be used to obtain the name of the first active log file for a database with log retain enabled?

- A. GET CURRENT ACTIVE LOGFILE
- B. LIST LOGFILES
- C. GET DATABASE CONFIGURATION
- D. LIST INDOUBT TRANSACTIONS

Correct Answer: C

QUESTION 3

Which action(s) will cause a compression dictionary to be removed from a table?

- A. Set the table COMPRESS attribute to NO.
- B. Set the table COMPRESS attribute to NO;run REORG against the table.
- C. Set the table COMPRESS attribute to NO;run INSPECTESETDICTIONARY against the table.
- D. Set the table COMPRESS attribute to NO;run RUNSTATS against the table.

Correct Answer: B

QUESTION 4

In which two environments would intra-partition parallelism be used? (Choose two.)

- A. Single database partition, single processor core
- B. Single database partition, multiple processor cores
- C. Multiple database partitions, single processor core
- D. Multiple database partitions, multiple processor cores

Correct Answer: BD

QUESTION 5

If your DB2 server is not responding (hung), and you cannot run DB2 commands from the Command Line Processor, which utility can be used to list the applications currently connected to the database MYDB?

- A. db2dart
- B. db2apptrk
- C. db2acsutil
- D. db2pd

Correct Answer: D

QUESTION 6

Which command CANNOT be used to create the compression dictionary for a table?

- A. IMPORT
- B. INSPECT
- C. LOAD
- D. RUNSTATS

Correct Answer: D

QUESTION 7

Which type of table queue is used to pass data between database partitions when rows are being fetched?

- A. asynchronous table queue
- B. synchronous table queue

C. non-merging table queue

D. listener table queue

Correct Answer: A

QUESTION 8

Which method should be used to construct an LBAC security component that represents a person's level of trust?

A. SET

B. TREE

C. ARRAY

D. ORDER

Correct Answer: C

QUESTION 9

A partitioned instance named DB2INST1 uses the following db2nodes.cfg file:

If the CREATE DATABASE command is executed on server C, which partition will be the catalog partition?

A. 0

B. 1

C. 4

D. 6

Correct Answer: C

QUESTION 10

When an agent that is connected to the database finishes its work of successfully processing a query, what happens to the agent?

A. It terminates immediately.

B. It remains active as long as the MAXAGENTS setting is not exceeded.

C. It is placed in the agent pool if the connection is terminated.

D. It automatically releases the database connection and returns to the pool.

Correct Answer: C

QUESTION 11

An active partitioned instance named DB2INST1 uses the following db2nodes.cfg file: 1 server1 0 2 server1 1 3 server1 2 4 server1 3 The following command is issued to add a new database partition: db2start DBPARTITIONNUM 5 ADD DBPARTITIONNUM HOSTNAME server1 PORT 4 Upon successful completion of the db2start command, which statement is true regarding the status of the instance DB2INST1?

- A. Partitions 1, 2, 3, 4, and 5 are active and available.
- B. Partitions 1, 2, 3, and 4 are active, but partition 5 is not.
- C. All partitions are active but partition 5 is not available until a temporary table space is defined.
- D. DB2 responds to the configuration change by stopping all partitions.

Correct Answer: B

QUESTION 12

Which tool or command will display only the automatic storage paths in an existing backup image?

- A. db2dart
- B. db2ckbkp
- C. INSPECT
- D. db2pd

Correct Answer: B

QUESTION 13

What steps, in the correct order, are performed by the SQL and XQuery compilers to generate executable code for non-federated queries?

- A. parse query; rewrite query; check semantics; pushdown predicates; execute access plan
- B. check semantics; parse query; rewrite query; build access plan
- C. parse query; check semantics; rewrite query; build access plan
- D. check semantics; parse query; build access plan; pushdown predicates; execute access plan

Correct Answer: C

QUESTION 14

Your UNIX system administrator has indicated that there appears to be a lot of I/O wait time associated

with your database, which is stored in a 7+p RAID array. An investigation reveals the following information:

DB2_PARALLEL_IO=*

Tablespace with ID 7 has a single container and is dedicated to the largest table. It has a page size of 16K, an extent size of 32, and a prefetch size of 64.

Which setting would optimize I/O for the largest table?

- A. DB2_PARALLEL_IO=7:64
- B. DB2_PARALLEL_IO=7:7
- C. DB2_PARALLEL_IO=7:16
- D. DB2_PARALLEL_IO=7:32

Correct Answer: B

QUESTION 15

A primary and standby database are enabled for HADR and are in peer state. The HADR_SYNCMODE configuration parameter is set to SYNC. An application connects to the primary database, issues a COMMIT and receives a successful return code in response. How were the log buffers for this unit of work processed?

- A. The log buffers were written to the DB2 log files on the primary server, sent to the standby, and written to log files on the standby server. The return code was then sent to the application.
- B. The log buffers were written to the DB2 log files on the primary server and received in the log buffers on the standby database. The return code was then sent to the application.
- C. The log buffers were written to the DB2 log files on the standby server and held in memory on the primary server. The return code was then sent to the application.
- D. The log buffers were written to the DB2 log files on the primary server and sent to TCP/IP send buffer to be shipped to the standby server. The return code was then sent to the application.

Correct Answer: A

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