



A2090-544^{Q&As}

Assessment: DB2 9.7 Advanced DBA for LUW - Assessment

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QUESTION 1

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 2

Setting the DB2_FMP_COMM_HEAPSZ=0 will result in which the following?

- A. User-defined function calls will be disabled.
- B. In a partitioned environment, infinite communications will be enabled between partitions.
- C. In a partitioned environment, communications will not be buffered.
- D. Non-fenced routines can be invoked, however automatic database maintenance will be disabled.

Correct Answer: D

QUESTION 3

A database and a table space were created using the following commands:

```
CREATE DATABASE mydb AUTOMATIC STORAGE NO;  
CONNECT TO mydb;  
CREATE TABLESPACE tbsp1  
  MANAGED BY DATABASE USING (FILE '/mnt/file1' 1 M, FILE '/mnt/file2' 1 M)  
  AUTORESIZE YES  
  INCREASESIZE 2 M  
  MAXSIZE 100 M;
```

Afterwards, two tables were created in table space TBSP1 and both tables were populated with 100,000 rows. If a DBA decides that database MYDB should use automatic storage, which command(s) are needed to convert both the database and table space TBSP1?

- A. ALTER DATABASE mydb ADD STORAGE ON ?mnt/path_1? ?mnt/path_2?
- B. ALTER DATABASE mydb ADD STORAGE ON ?mnt/path_1? ?mnt/path_2?ALTER TABLESPACE tbsp1 MANAGED BY AUTOMATIC STORAGE;
- C. ALTER DATABASE mydb AUTOMATIC STORAGE YES ON ?mnt/path_1? ?mnt/path_2?



D. ALTER DATABASE mydb AUTOMATIC STORAGE YES ON ?mnt/path_1? ?mnt/path_2? ALTER TABLESPACE tbsp1 MANAGED BY AUTOMATIC STORAGE;

Correct Answer: B

QUESTION 4

A database recovery operation (RECOVER DATABASE) failed during the roll forward phase. The DBA wants to force the RECOVER DATABASE to redo the restore phase. What must occur to accomplish this?

- A. A RECOVER DATABASE command must be issued with the RESTART option specified.
- B. The RECOVER DATABASE operation must be terminated and a new RECOVER DATABASE command must be issued.
- C. A RECOVER DATABASE command must be issued with the TO END OF LOGS option specified.
- D. A RECOVER DATABASE command must be re-issued with the REPLACE option specified.

Correct Answer: A

QUESTION 5

A Windows user with a local database is not able to connect to a zOS database. The System Database Directory and the Node Directory have the correct entries. Other users can connect to the database from their workstations without problems. What should be done resolve the problem?

- A. Uncatalog and re-catalog the directory entries for the zOS database and try again.
- B. Catalog the zOS database in the Local Database Directory.
- C. Catalog the zOS database in the Database Connection Services Directory.
- D. Catalog the zOS database in the Distributed Data Facility Directory.

Correct Answer: C

QUESTION 6

Which command will back up a database named SAMPLE to a TSM server using two concurrent TSM client sessions?

- A. BACKUP DATABASE sample USE TSM OPEN 2 SESSIONS WITH 4 BUFFERS
- B. BACKUP DATABASE sample USE TSM OPEN 4 SESSIONS WITH 2 BUFFERS
- C. BACKUP DATABASE sample USE TSM OPEN 2 SERVERS WITH 4 BUFFERS
- D. BACKUP DATABASE sample USE TSM OPEN 4 SERVERS WITH 2 BUFFERS

Correct Answer: A



QUESTION 7

In order for HADR to start, which statement is true when setting the HADR_TIMEOUT database configuration value?

- A. The HADR_TIMEOUT value must be identical on both the primary and the standby server.
- B. Changes to the HADR_TIMEOUT value will take effect immediately.
- C. If the HADR_TIMEOUT value is set to -1, connection timeouts will not occur.
- D. If the HADR_TIMEOUT value is different between the two servers, the lowest value is used.

Correct Answer: A

QUESTION 8

Which command will prevent prefetching during crash recovery?

- A. db2set DB2_AVOID_PREFETCH=OFF
- B. db2set DB2_AVOID_PREFETCH=ON
- C. db2set DB2_RECOVERY_PREFETCHING=NO
- D. db2set DB2_RECOVERY_PREFETCHING=YES

Correct Answer: B

QUESTION 9

Given the following output from the GET DATABASE CONFIGURATION command:

Log buffer size (4KB)	(LOGBUFSZ)	= 128
Log file size (4KB)	(LOGFILSIZ)	= 8000
Number of primary log files	(LOGPRIMARY)	= 30
Number of secondary log files	(LOGSECOND)	= 60
Percent max primary log space by transaction	(MAX_LOG)	= 0
Num. of active log files for 1 active UOW	(NUM_LOG_SPAN)	= 0
Log retain for recovery enabled	(LOGRETAIN)	= RECOVERY
User exit for logging enabled	(USEREXIT)	= OFF
HADR log write synchronization mode	(HADR_SYNCMODE)	= NEARSYNC
First log archive method	(LOGARCHMETH1)	= LOGRETAIN
Second log archive method	(LOGARCHMETH2)	= DISK:/mnt/arclogs

Which of the following DB configurations listed below will enable circular logging?

- A. LOGRETAIN=CIRCULAR
- B. LOGSECOND=-1



C. LOGARCHMETH1=OFF and LOGARCHMETH2=OFF

D. LOGPRIMARY=LOGCIRCULAR and LOGRETAIN=OFF

Correct Answer: C

QUESTION 10

Which description is correct when discussing the DB2_MEM_TUNING_RANGE registry variable?

A. It is recommended to set this variable only when the Self-Tuning Memory Manager (STMM) is disabled.

B. It is recommended to set this variable only when using STMM, when DATABASE_MEMORY is set to AUTOMATIC, and if insufficient system memory problems are occurring.

C. It is recommended that this variable be enabled at all times in order to prevent DB2 from taking too much physical memory.

D. It is recommended that this variable be used to set the maximum percentage of memory that DB2 can use on the system.

Correct Answer: B

QUESTION 11

Given the following statement:

```
CREATE TABLE t1 (id INT, order_date DATE, name VARCHAR (40))
    IN tblsp1, tblsp2, tblsp3, tblsp4
    PARTITION BY RANGE (order_date)
    (STARTING FROM ('2010-01-01') ENDING ('2010-03-31') EVERY 1 MONTH)
```

Which statement will successfully add a new partition to table T1 for April 2010?

A. Export data from the main partitioned table; create a table with the same definition as the partitioned table; attach to the main partitioned table; import data into the main partitioned table; run the SET INTEGRITY statement.

B. Create a table with the same definition as the partitioned table; attach to the main partitioned table; data will be automatically redistributed across all table partitions.

C. Create a table with the same definition as the partitioned table; load the new table with data; attach the new table to the main partitioned table; run the SET INTEGRITY statement.

D. Export data from the main partitioned table; drop the main partitioned table; create the main partitioned table with new partitioning range; import data into the main partitioned table.

Correct Answer: C

QUESTION 12



If table space TBSP1 is using automatic storage, and the existing storage paths are full, which command would increase the available storage?

- A. ALTER DATABASE ADD STORAGE ON '\\db2/filesystem1\\'
- B. ALTER TABLESPACE tbsp1 ADD (\\db2/filesystem1\\')
- C. ALTER DATABASE ADD STORAGE FOR tbsp1 (\\db2/filesystem1\\')
- D. ALTER TABLESPACE tbsp1 EXTEND USING (\\db2/filesystem1\\')

Correct Answer: A

QUESTION 13

A DBA wants to migrate a DB2 LUW 8.2.2 database to version 9.7 and plans to use currently committed (CC)

semantics on an application-by-application basis. Which process will yield the desired results?

- A.
Set the DB2_USE_CC_SEMANTICS registry variable to YES, then migrate the database.
- B.
Migrate the database, then assign the value ON to the CURR_COMMIT configuration parameter.
- C.
Set the DB2_USE_CC_SEMANTICS registry variable to APPLICATION, then migrate the database.
- D.
Migrate the database, then assign the value AVAILABLE to the CURR_COMMIT configuration parameter.

Correct Answer: D

QUESTION 14

Which database manager configuration parameter is used to set an instance-wide soft limit on the total amount of memory that can be consumed by private sorts, within that instance, at any given time?

- A. SORTHEAP
- B. SHEAPTHRES_SHR
- C. SHEAPTHRES
- D. SORTHEAP_SHR

Correct Answer: C



QUESTION 15

What is a method for enabling non-buffered I/O at the table space level in a DB2 database?

- A. Set the DB2_DIRECT_IO configuration parameter to YES.
- B. Set the DB2_FILESYSTEM_CACHE configuration parameter to YES.
- C. Use the USE DIRECT IO clause with the CREATE TABLESPACE or ALTER TABLESPACE command.
- D. Use the NO FILE SYSTEM CACHING clause with the CREATE TABLESPACE or ALTER TABLESPACE command.

Correct Answer: D

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