



Vendor: IBM

Exam Code: A2090-544

Exam Name: Assessment: DB2 9.7 Advanced DBA for LUW
- Assessment

Version: DEMO

QUESTION 1

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

Answer: C

QUESTION 2

A database named MYDB was created by executing the following command: CREATE DATABASE mydb AUTOMATIC STORAGE NO Later, a decision is made to modify this database so that both it and its table spaces use automatic storage. What steps are required to make this modification?

- A. Use the ALTER DATABASE command to convert the database; all existing table spaces will be converted automatically.
- B. Use the ALTER DATABASE command to convert the database; use the ALTER TABLESPACE command to convert all existing table spaces.
- C. Use the ALTER DATABASE command to convert the database; use the ALTER TABLESPACE command to convert all existing SMS table spaces.
- D. Use the ALTER DATABASE command to convert the database; use the ALTER TABLESPACE command to convert all existing DMS table spaces.

Answer: D

QUESTION 3

Which command CANNOT be used to explicitly build a compression dictionary for a table?

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

Answer: D

QUESTION 4

A DBA has established connectivity to a DB2 for z/OS database and is exploiting a System z sysplex for load balancing and fault-tolerance. Which series of statements and commands can be issued to ensure that agents remain allocated to help maintain the sysplex server list?

- A. UPDATE DBM CFG USING NUM_INITAGENTS 200;
db2stop;
db2start;
- B. UPDATE DBM CFG USING NUM_INITAGENTS 0;
db2stop;
db2start;
- C. UPDATE DBM CFG USING NUM_POOLAGENTS 200;

- ```
db2stop;
db2start;
D. UPDATE DBM CFG USING NUM_POOLAGENTS 0;
db2stop;
db2start;
```

**Answer: C**

#### QUESTION 5

A DBA migrating an existing database to DB2 9.7 wants to allow the primary and secondary recovery logs to be used with non-buffered IO. Which statement is true?

- A. This behavior is automatically enabled by default.
- B. The DB2\_LOGGER\_BUFFERED registry variable must be set to OFF.
- C. The DB2\_LOGGER\_AUTO\_BUFFERED registry variable must be set to YES.
- D. The DB2\_LOGGER\_NON\_BUFFERED\_IO registry variable must be set to AUTO.

**Answer: A**

#### QUESTION 6

Which conditions must be met to implement HADR?

- A. Operating systems on primary and standby servers must be the same; DB2 versions need not be the same; and the databases must have the same bit-size (32 or 64 bit).
- B. Operating systems on primary and standby servers need not be the same; DB2 versions must be the same; and the databases need not have the same bit-size (32 or 64 bit).
- C. Operating systems on primary and standby servers must be the same; DB2 versions must be the same; and the databases need not have the same bit-size (32 or 64 bit).
- D. Operating systems on primary and standby servers must be the same; DB2 versions must be the same; and the databases must have the same bit-size (32 or 64 bit).

**Answer: D**

#### QUESTION 7

Given INTRA\_PARALLEL is OFF, average row length is 900 bytes, and temporary table cardinality is 1000, which setting would prevent a SORTHEAP overflow when the temporary table is sorted?

- A. SORTHEAPTHRES 10000K, SORTHEAP 250K
- B. SORTHEAPTHRES 10000K
- C. SORTHEAP AUTOMATIC, SHEAPTHRES 10000K
- D. SORTHEAP AUTOMATIC, SHEAPTHRES 0

**Answer: D**

#### QUESTION 8

The DBA needs to create a table with key columns YEAR DAY, YEAR, and DAY. This table needs to be partitioned by column YEAR DAY with three months per data partition. Additionally, data needs to be organized so that all rows within any three month date range are clustered together based on 12 months of data. Which CREATE TABLE statement will

accomplish this objective?

- A. CREATE TABLE tab1  
(yearday INT,  
year CHAR(2),  
day INT))  
PARTITION BY RANGE (year) (STARTING 201001 ENDING 201012 EVERY 3) ORGANIZE  
BY DIMENSIONS (year, day))
- B. CREATE TABLE tab1  
(yearday INT,  
year CHAR(2),  
day INT))  
PARTITION BY RANGE (yearday) (STARTING 201001 ENDING 201012 EVERY 3) ORGANIZE  
BY DIMENSIONS (year, day))
- C. CREATE TABLE tab1  
(yearday INT,  
year CHAR(2),  
day INT))  
PARTITION BY RANGE (yearday) (STARTING 201001 ENDING 201012 EVERY 3) ORGANIZE  
BY DIMENSIONS (year))
- D. CREATE TABLE tab1  
(yearday INT,  
year CHAR(2),  
day INT))  
PARTITION BY RANGE (yearday) (STARTING 201001 ENDING 201012 EVERY 3) ORGANIZE  
BY DIMENSIONS (day))

**Answer: C**

#### QUESTION 9

Given a SHEAPTHRES value of 2560, in which two cases will a SHEAPTHRES\_SHR value of 1024 be meaningful? (Choose two.)

- A. INTRA\_PARALLEL NO
- B. MAX\_CONNECTIONS 2000, MAX\_COORDAGENTS 100
- C. MAX\_AGENTS 100, MAX\_CONNECTIONS 2000
- D. MAX\_CONNECTIONS 500, MAX\_COORDAGENTS 1000
- E. INTRA\_PARALLEL YES

**Answer: BE**

#### QUESTION 10

A DBA would like to examine repartitioning options for a partitioned database named PRQDDB. Which tool can be used to provide recommendations on re-partitioning?

- A. Configuration Advisor
- B. Partition Assistant
- C. Design Advisor
- D. Workload Manager

**Answer: C**

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