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Vendor:IBM

Exam Code:C2090-311

Exam Name:IBM DB2 10.5 DBA for LUW Upgrade
from DB2 10.1

Version:Demo

QUESTION 1

Which statement about Explicit Hierarchical Locking (EHL) for DB2 pureScale is true?

- A. EHL is enabled by default in DB2 10.5 pureScale environments.
- B. There are three EHL states available: SHARED, DIRECT_ACCESS and NONSHARED.
- C. Only regular tables, temporary tables, and non-partitioned indexes can take advantage of EHL.
- D. EHL is designed to improve DB2 pureScale performance by avoiding CF communications for tables that are accessed from only one member.

Correct Answer: A

QUESTION 2

If the following commands are executed successfully:

```
CREATE DATABASE my_db ON /mnt/fs1, mnt/fs2 PAGESIZE 4096;  
UPDATE DB CFG FOR my_db USING EXTENDED_ROW_SZ ENABLE;
```

Which SQL statement will fail?

- A. CREATE TABLE tab_a (col1 INT NOT NULL, col2 VARCHAR(5000))
ORGANIZE BY (col1)
- B. CREATE TABLE tab_a (col1 INT NOT NULL, col2 VARCHAR(5000))
- C. CREATE TABLE tab_a (col1 INT NOT NULL, col2 VARCHAR(5000))
ORGANIZE BY KEY SEQUENCE (col1 STARTING FROM 1 ENDING AT 100000)
ALLOW OVERFLOW
- D. CREATE TABLE tab_a (col1 INT NOT NULL, col2 VARCHAR(5000))
PARTITION BY RANGE (col1) (STARTING 0 EXCLUSIVE ENDING 100 INCLUSIVE)

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

QUESTION 3

What formula can be used to determine the average number of column-organized pages found in each read request?

- A. $\text{POOL_COL_READS} / \text{POOL COL READ REQS}$
- B. $\text{POOL_COL_P_READS} / \text{POOL COL P READ REQS}$
- C. $\text{POOL_ASYNC_COL_READS} / \text{POOL ASYNC COL READ REQS}$
- D. $\text{POOL ASYNC COL P READS} / \text{POOL ASYNC COL P READ REQS}$

Correct Answer: A

QUESTION 4

Which scenario does NOT require intraquery parallelism?

- A. The execution of the LOAD command against an empty column-organized table.
- B. A DML operation that references a populated column-organized table.
- C. The execution of the RUNSTATS command against a populated column-organized table.
- D. The addition of a primary key constraint to an empty column-organized table.

Correct Answer: D

QUESTION 5

Which command would be used to finish a rolling FixPack update to a two member DB2 pureScale cluster?

- A. db2iupdt-a
- B. db2iupdt-update
- C. db2iupdt-commit_level
- D. db2iupdt-online_update

Correct Answer: B

QUESTION 6

Which two HADR synchronization modes are supported in DB2 10.5 pureScale environments?

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

- D. SUPERSYNC
- E. SUPERASYNC

Correct Answer: BC

QUESTION 7

What happens when the STATISTICS USE PROFILE option is provided with a LOAD command that will be used to populate a column-organized table and a statistics profile does not exist?

- A. A warning is returned and no statistics are collected.
- B. An error is returned and the table is placed in "load pending" state.
- C. A statistics profile is automatically generated before the load is allowed to continue.
- D. The Load utility uses the same RUNSTATS command options as those used during an automatic runstats operation.

Correct Answer: C

QUESTION 8

Which statement about expression-based indexes is true?

- A. The RUNSTATS command cannot be used to collect statistics for expression-based indexes.
- B. Expression-based indexes must always be defined as UNIQUE to prevent duplicate index keys.
- C. Expression-based index keys consist of a concatenation of one or more specified table columns.
- D. The index key values of expression-based indexes are not the same as the values in the corresponding table columns.

Correct Answer: D

QUESTION 9

Which statement about column-organized tables is true?

- A. Databases with column-organized tables can be federated.
- B. Schemas that include column-organized tables can be transported.
- C. Sort memory can be automatically tuned in environments containing column-organized tables.
- D. Queries that use the Currently Committed semantics can be used with column-organized tables.

Correct Answer: A

QUESTION 10

Which two sources can be used to provide input to the InfoSphere Optim Query Workload Tuner that generate EXPLAIN information when creating the query workload?

- A. db2pd
- B. Routines
- C. EXPLAIN tables
- D. Snapshot monitor
- E. ACTIVITIES event monitors

Correct Answer: CD

QUESTION 11

If the DB2_WORKLOAD registry variable has not been set which database manager configuration parameter must be modified, before a query that accesses a column-organized table can be executed?

- A. INTRA_PARALLEL
- B. QUERY_HEAP_SZ
- C. MAXIMUM DEGREE
- D. SHEAPTHRES SHR

Correct Answer: A

QUESTION 12

By default, the Optim Workload Table Organization Advisor will recommend converting row- organized tables to column-organized tables if it determines that the change will improve query performance, as a whole, by how much?

- A. 15 percent
- B. 20 percent
- C. 25 percent
- D. 30 percent

Correct Answer: B