C2090-614 $^{Q\&As}$

DB2 10.1 Advanced DBA for Linux UNIX and Windows

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QUESTION 1

If the following statements are executed:

CREATE STOGROUP sg_hot ON \\'/path1\\', \\'/path2\\', \\'/path3\\'; CREATE STOGROUP sg_med ON \\'/path4\\', \\'/path5\\', \\'/path6\\'; CREATE TABLESPACE tbsp1 USING STOGROUP sg_hot;

What is the recommended way to move table space TBSP1 from storage group SG_HOT to storage group SG_MED?

A. Issue an ALTER TABLESPACE statement with the \\'USING sg_med\\' option.

B. Issue an ALTER STOGROUP statement with the \\'MOVE tbsp1 TO sg_med\\' option.

C. Perform a table space RESTORE operation with the \\'USING STOGROUP sg_hot\\' option.

D. Use the ADMIN_MOVE_TABLESPACE procedure to move table space TBSP1 to SG_HOT.

Correct Answer: A

QUESTION 2

Which tool provides the simplest method for monitoring buffer pool hit ratios?

A. The BP_HITRATIO administrative view.

B. The BP_WRITE_IO administrative view.

C. The MON_GET_BUFFERPOOL table function.

D. The MON_GET_PAGE_ACCESS_INFO table function.

Correct Answer: A

QUESTION 3

For a multi-partitioned database, what is the default behavior of the BACKUP DATABASE command?

A. It will backup just the catalog partition.

B. It will backup all partitions simultaneously.

C. It will backup just the partition that the command is executed from.

D. It will backup just the partitions that reside on the host that the command is executed from.

Correct Answer: C

QUESTION 4

Which is NOT a valid method for prefetching data?

A. Smart data prefetching

B. Read-ahead prefetching

C. Consecutive prefetching

D. Sequential detection prefetching

Correct Answer: C

QUESTION 5

A storage group named HOT_SG was created as follows:

```
CREATE STOGROUP hot_sg
  ON '/mnt/ssd_path1', '/mnt/ssd_path2'
  OVERHEAD 0.75
  DEVICE READ RATE 500
  DATA TAG 1
  SET AS DEFAULT
```

What does the DATA TAG 1 clause do?

A. It indicates that the multiple storage paths referenced in the HOT_SG storage group definition exist in one physical location.

B. It tells the DB2 Optimizer that database objects stored in the HOT_SG storage group are to be given preference over other objects when data access plans are generated.

C. It indicates that the value 1 is to be assigned to data stored in the HOT_SG storage group, which Workload Manager (WLM) can then use to determine the processing priority to assign to database activities that interact with this data.

D. It assigns a unique identifier to the instance of the HOT_SG storage group being defined; this identifier can then be used when moving table spaces to and from the storage group, when dropping the storage group, or when commenting on the storage group.

Correct Answer: C

QUESTION 6

Which statement about data type mappings is true in a federated system?

A. The Oracle DOUBLE data type maps to the DB2 type FLOAT by default.

B. Data types can be mapped in both directions between a remote and local data type.

C. Cast functions can be pushed down to remote servers even if a counterpart function does not exist there.

D. For relational data sources, the degree to which you can override existing data type mappings or create mappings is limited.

Correct Answer: B

QUESTION 7

On which two operating systems can DB2 pureScale run? (Choose two.)

A. AIX

B. Linux

C. HP-UX

D. Solaris

E. Windows

Correct Answer: AB

QUESTION 8

Which statement about value compression is correct?

A. To use value compression, you must have a license for the DB2 Storage Optimization Feature.

B. Value compression uses a page-level dictionary-based compression algorithm to compress data based on repetition of values found in a single column.

C. Value compression involves removing duplicate entries for a value, only storing one copy, and keeping track of the location of any references to the stored copy.

D. When value compression is used, the byte count of compressed NULLs, zeros, and blanks might be larger than that of the uncompressed version of the same values.

Correct Answer: C

QUESTION 9

Which statement about dropped table recovery is correct?

A. Multiple dropped tables can be recovered with a single table space-level restore operation.

B. By default, the DROPPED TABLE RECOVERY option is off when a new table space is created.

C. The dropped table recovery feature lets you recover only dropped table data with a database- level restore operation.

D. For a dropped table to be recoverable, the table space in which the table resides must have the DROPPED TABLE RECOVERY option turned on.

Correct Answer: D

QUESTION 10

Which statement about IBM WebSphere Information Integrator Q Replication is correct?

A. It reads the DB2 recovery log and stores committed transactional data in staging tables.

B. It reads the DB2 recovery log and converts committed transactional data to SQL statements.

C. It provides the lowest latency of data in the target databases and lowest throughput of changed data to the target databases.

D. It provides the lowest latency of data in the target databases and highest throughput of changed data to the target databases.

Correct Answer: D

QUESTION 11

Which statement about partitioned indexes is FALSE?

A. Both system- and user-generated indexes can be partitioned.

B. Each index partition contains references only to data in its corresponding data partition.

C. A partitioned index is made up of a set of index partitions, each of which contains the index entries for a single data partition

D. When attaching new partitions, the SET INTEGRITY statement must be run before data in the newly attached partition will be reflected in the corresponding partition index.

Correct Answer: D

QUESTION 12

What are two supported methods for providing a low latency, high speed interconnect between DB2 members and the cluster caching facility (CF) in a DB2 pureScale environment? (Choose two.)

A. InfiniBand with RDMA (IB)

B. SCSI RDMA Protocol (SRP)

C. iSCSI Extensions for RDMA (iSER)

D. RDMA over Converged Ethernet (RoCE)

E. Internet Wide Area RDMA Protocol (iWARP)

Correct Answer: AD

QUESTION 13

What must be done to convert a populated base table to a multidimensional clustering (MDC) table?

A. Export the data, create an MDC table, and then import or load the data into the MDC table.

B. Execute the ALTER TABLE ... ORGANIZE BY DIMENSIONS statement to convert the table.

C. Create an MDC table and then move the data in the base table to the MDC table with the db2move command.

D. Export the data, execute the ALTER TABLE ... ORGANIZE BY DIMENSIONS statement to convert the table, and then import or load the data into the converted table.

Correct Answer: A

QUESTION 14

A DBA wants to create a table named SALES that has the following characteristics:

Effective data clustering and management of space utilization Rows in the table should be clustered based on when they are added to the table Which clause must be used with the CREATE TABLE statement to define this table?

A. ORGANIZE BY DIMENSIONS

B. ORGANIZE BY INSERT TIME

C. ORGANIZE BY TIME PERIOD

D. ORGANIZE BY KEY SEQUENCE

Correct Answer: B

QUESTION 15

Which configuration parameter is used to designate a storage area for archived log files that are retrieved for recovery purposes?

A. logarchopt1

B. failarchpath

C. mirrorlogpath

D. overflowlogpath

Correct Answer: D

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