

IBM

Exam C2090-614

DB2 10.1 Advanced DBA for Linux UNIX and Windows

Version: 6.0

[Total Questions: 108]

Topic break down

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Topic 1, Volume A**Question No : 1 - (Topic 1)**

In which situation would you NOT use a redirected restore?

- A. To redefine the paths of a defined storage group.
- B. To move table space containers onto different physical devices.
- C. To restore a backup image from one operating system to another.
- D. To restore a backup image to a target machine that is different from the source machine.

Answer: C

Question No : 2 - (Topic 1)

What is the preferred method for reclaiming unused storage in a DMS table space?

- A. Perform an ALTER TABLESPACE...REDUCE operation.
- B. Perform a REORG on each table within the table space, then perform an ALTER TABLESPACE...REDUCE operation.
- C. Perform an ALTER TABLESPACE...LOWER HIGH WATER MARK operation, and then an ALTER TABLESPACE...REDUCE operation.
- D. Perform a REORG on each table within the table space, then perform an ALTER TABLESPACE...LOWER HIGH WATER MARK operation.

Answer: C

Question No : 3 - (Topic 1)

Consider the following statement:

```
SELECT lastname, job, workdept FROM employee e, department d
WHERE e.workdept = d.deptno
AND d.deptname = 'SOFTWARE SUPPORT'
ORDER BY lastname
```

Which indexes should be created for optimal query performance?

- A. CREATE INDEX emp_idx ON employee (workdept);
CREATE INDEX dept_idx ON department (deptno);
- B. CREATE INDEX emp_idx ON employee (workdept) CLUSTER;
CREATE INDEX dept_idx ON department (deptname, deptno);
- C. CREATE INDEX emp_idx ON employee (workdept, lastname, job);
CREATE INDEX dept_idx ON department (deptname, deptno);
- D. CREATE INDEX emp_idx ON employee (lastname, job, workdept) CLUSTER;
CREATE INDEX dept_idx ON department (deptname);

Answer: C

Question No : 4 - (Topic 1)

A table named SALES was created as follows:

```
CREATE TABLE sales (order_date DATE, order_id INT)
  IN ts1, ts2, ts3, ts4
  PARTITION BY RANGE (order_date)
    (STARTING '2012-01-01' ENDING '2012-12-31'
     EVERY 3 MONTHS)
```

Assuming all table spaces required already exist, which statement(s) must be executed to add a new partition that already contains data for the first quarter of 2013 to the SALES table and leave the table accessible?

- A. ALTER TABLE sales ADD PARTITION part_2013q1
STARTING ('01/01/2013') ENDING ('03/31/2013') IN ts5;
- B. ALTER TABLE sales ATTACH PARTITION part_2013q1
STARTING ('01/01/2013') ENDING ('03/31/2013')
FROM TABLE q12013_sales;
- C. ALTER TABLE sales ADD PARTITION part_2013q1
STARTING ('01/01/2013') ENDING ('03/31/2013') IN ts5;
SET INTEGRITY FOR sales IMMEDIATE CHECKED;
- D. ALTER TABLE sales ATTACH PARTITION part_2013q1
STARTING ('01/01/2013') ENDING ('03/31/2013')
FROM TABLE q12013_sales;
SET INTEGRITY FOR sales IMMEDIATE CHECKED;

Answer: D

Question No : 5 - (Topic 1)

Which Workload Manager (WLM) objects can the COLLECT ACTIVITY DATA clause be used with?

- A. Data class, work class, and a limit
- B. Data class, action class, and a threshold
- C. Service subclass, action class, and a limit
- D. Service subclass, work class, and a threshold

Answer: D

Question No : 6 - (Topic 1)

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.

Answer: D

Question No : 7 - (Topic 1)

A DB2 9 database named MYDB that does not use automatic storage was migrated to DB2 10.1. When will a default storage group be defined for this database?

- A. The first time the database is accessed after the migration.
- B. The first time the CREATE STOGROUP statement is executed.
- C. When the ALTER DATABASE mydb CONVERT statement is used to convert the database to an automatic storage database.
- D. When the ALTER TABLESPACE statement is used to convert the table space that holds the system catalog for the database to automatic storage.

Answer: B

Question No : 8 - (Topic 1)

A database administrator created all of the necessary federated objects for an SQL Server data source in a federated system. Which steps must be performed if the data types of several columns in the SQL Server data source are changed?

- A.** Drop the current data type mapping.
Create the new data type mapping.
- B.** Drop the nickname to the table.
Create the new data type mapping.
Recreate the nickname to the table.
- C.** Drop the current data type mapping.
Create the new data type mapping.
Drop the nickname to the table.
Recreate the nickname to the table.
- D.** Drop the current user mapping.
Drop the current data type mapping.
Create the new user mapping.
Create the new data type mapping.
Recreate the nickname to the table.

Answer: B

Question No : 9 - (Topic 1)

What must you do before an online table space backup operation can be performed?

- A.** Create a full database backup image.
- B.** Create one or more tables in the table space.
- C.** Create an incremental backup image of the table space.
- D.** Set the DB2_ENABLE_ONLINEBKUP registry variable to ON.

Answer: A

Question No : 10 - (Topic 1)

Which statement about DB2 Merge Backup is FALSE?

- A.** It can be used to merge offline backups to build full offline table space backups.

- B.** It can be used to merge SNAPSHOT and TSM tape backup images to create a full database backup image.
- C.** It can be used merge multiple offline database backups to build a cumulative single offline database backup.
- D.** It can be used to merge backups on a machine that is different from the machine where the backup has been created in stand-alone mode.

Answer: B

Question No : 11 - (Topic 1)

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.

Answer: B

Question No : 12 - (Topic 1)

The following statement was used to create a table space named USER_TMP in a non-partitioned database: CREATE USER TEMPORARY TABLESPACE user_tmp MANAGED BY SYSTEM USING (?mnt/fssystem4? ?mnt/fssystem5? Which operation can be performed on the USER_TMP table space with an ALTER TABLESPACE statement?

- A.** New storage containers can be added to it.
- B.** A different buffer pool can be associated with it.
- C.** A hard limit can be placed on the size to which its storage containers can grow.
- D.** Its high water mark can be lowered and its size can be reduced to the high water mark.

Answer: B

Question No : 13 - (Topic 1)

Which monitoring tool can be used to obtain stripe set information for database managed storage table spaces?

- A. The MON_GET_CONTAINER table function.
- B. The SNAP_GET_TBSP_PART table function.
- C. The SNAPTbsp_RANGE administrative view.
- D. The TS_GET_CONTAINER administrative view.

Answer: A

Question No : 14 - (Topic 1)

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

- A. AIX
- B. Linux
- C. HP-UX
- D. Solaris
- E. Windows

Answer: A,B

Question No : 15 - (Topic 1)

What must be done to convert an existing table into an Insert-Time-Clustered (ITC) table?

- A. Call the ADMIN_MOVE_TABLE procedure.
- B. Call the ADMIN_REVALIDATE_DB_OBJECTS procedure.
- C. Issue a REORG TABLE statement with the ORGANIZE BY INSERT TIME option.
- D. Issue an ALTER TABLE statement with the ORGANIZE BY INSERT TIME option.

Answer: A

Question No : 16 - (Topic 1)

A table space creation operation was unsuccessful because DB2 failed to allocate a container in a path. Which diagnostic tool can be used to help resolve the problem?