

Exam : IBM 000-731

**Title : DB2 9 DBA for Linux,UNIX
and Windows**

Version : Demo

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1. Given the following notification log entry:

2006-02-15-19:33:37.630000 Instance:DB2 Node:000

PID:940(db2agent) TID: 660 Appid:*AC14B132.OB12.0138C7070500

database monitor sqm_gen_dicomn_events Probe:10 Database:SAMPLE

DIA8300C A memory heap error has occurred

In order to determine the name of the application which encountered the error, which of the following actions must be taken?

A.Issue DB2 LIST DCS APPLICATIONS and search for AC14B132.OB12.0138C7070500

B.Issue DB2 LIST APPLICATIONS and search for AC14B132.OB12.0138C7070500

C.Issue DB2 LIST DCS APPLICATIONS and search for 660

D.Issue DB2 LIST APPLICATIONS and search for 660

Answer: B

2. Which of the following statements about SCHEMA objects is true?

A.A schema must always be associated with a user.

B.Triggers and sequences do not have schemas associated with them.

C.After creating a new database, all users who successfully authenticate with the database have the ability to create a new schema.

D.If a schema is not explicitly specified in a SQL statement, the PUBLIC schema is assumed.

Answer: C

3. Which of the following REORG table options will compress the data in a table using the existing compression dictionary?

A.KEEPEXISTING

B.KEEPDICTIONARY

C.RESETDICTIONARY

D.EXISTINGDICTIONARY

Answer: B

4. Given the table MYTAB:

C1	C2	C3
1200	east	Miller
1201	east	Smith
1201	east	Miller
1202	east	Smith

What will happen when the following statement is issued:

```
CREATE UNIQUE INDEX MYINX ON MYTAB(C1)
```

- A.The index MYINX will not be created.
- B.The word UNIQUE will be omitted by DB2 and a non-unique index MYINX will be created.
- C.The unique index MYINX will be created and the rows with duplicate keys will be deleted from the table.
- D.The unique index MYINX will be created and the rows with duplicate keys will be placed in an exception table.

Answer: A

5. Which of the following utilities provides a report of memory status for instances, databases, and agents?

- A.db2mtrk
- B.db2mchk
- C.db2expln
- D.db2memview

Answer: A

6. Given the following situation:

Table space ts1 with tables t1, t2, t3

Table space ts2 with tables t4, t5

Tables t1 and t4 have defined referential integrity on them (t1 is the parent, t4 is the child)

What happens after restoring the table space ts1 and issuing the following command?

```
db2 rollforward db sample to 2006-06-16-14.21.56 and stop tablespace(ts1)
```

- A.The roll forward is executed to the end of logs.
- B.The roll forward is not executed and an error message is generated.
- C.The roll forward is executed and table t4 is placed in set integrity pending state.
- D.The roll forward is executed and tables t1 and t4 are placed in set integrity pending state.

Answer: C

7. A database administrator needs to benchmark a database for both SQL and XQUERY. What utility can be used to accomplish this task?

- A.db2batch

- B.db2explain
- C.db2analyze
- D.db2benchmark

Answer: A

8. Which of the following authorities should a user have in order to QUIESCE the DB2 instance?

- A.DBADM
- B.SECADM
- C.SYSMON
- D.SYSMAINT

Answer: D

9. An excerpt from an application snapshot reveals the following :

Coordinator agent process or thread ID = 1413166

Degree of parallelism requested = 6

Number of agents working on statement = 4

Number of subagents created for statement = 4

Agent process/thread ID = 1413166

Agent process/thread ID = 2670796

Agent process/thread ID = 2703374

Agent process/thread ID = 1736882

Agent process/thread ID = 1724474

Which of the following configurations would be observed?

- A.INTRA_PARALLEL ON and MAXAGENTS 4 and database configuration DFT_DEGREE 1
- B.INTRA_PARALLEL ON and MAX_QUERYDEGREE 3 and database configuration DFT_DEGREE 4
- C.INTRA_PARALLEL ON and MAX_QUERYDEGREE 6 and database configuration DFT_DEGREE 1
- D.INTRA_PARALLEL ON and MAX_QUERYDEGREE 4 and database configuration DFT_DEGREE ANY

Answer: D

10. On a DB2 server with two instances, inst1 and inst2, inst1 is the default and current instance. Which of the following will successfully start the instance inst2?

- A.db2start
- B.db2start inst2
- C.set db2instance=inst2 db2start
- D.set db2instance inst2 db2start

Answer: C

11. Based on the following database manager configuration parameter values :

MAXAGENTS 400

MAX_COORDAGENTS200

MAXCAGENTS 100

NUM_POOLAGENTS200

NUM_INITAGENTS 50

What is the maximum number of applications that can be executing concurrently in the instance?

A.50

B.100

C.200

D.400

Answer: B

12. Which of the following settings would allow 20 sorts with a maximum of 10MB each to run concurrently on a 64-bit instance?

A.Set the DB SHEAPTHRES to 50000 and the DB SORTHEAP to 2500.

B.Set the DBM SHEAPTHRES to 50000 and the DB SORTHEAP to 2500.

C.Set the DBM SHEAPTHRES to 50000 and the DBM SORTHEAP to 2500.

D.Set the DBM SHEAPTHRES_SHR to 50000 and the DBM SHEAPTHRES to 2500.

Answer: B

13. Which of the following would prevent an application from waiting indefinitely to obtain a lock on table T1?

A.Alter table T1 locksize table

B.Update db cfg for sample using lock_wait 10000

C.Update db cfg for sample using locktimeout 10000

D.Update db cfg for sample using lock_wait automatic

Answer: C

14. The LIST APPLICATIONS command provides the following output:

Auth ID	Application Name	Appl. Handle	Application ID	DB Name	# of Agents
USR1	myapp	25667	LOCAL.DB2.060609075930	TESTDB	1
USR1	db2bp.exe	25668	LOCAL.DB2.060609075931	TESTDB	1

The Database Administrator needs to force the application myapp executed by user usr1. Which command must be issued?

- A.FORCE APPLICATION (25667)
- B.FORCE APPLICATION (myapp)
- C.FORCE APPLICATION (myapp user usr1)
- D.FORCE APPLICATION (LOCAL.DB2.060609075930)

Answer: A

15. Which of the following commands can be used to force all users and applications from all databases?

- A.FORCE ALL
- B.FORCE USERS ALL
- C.FORCE APPLICATION ALL
- D.FORCE USERS, APPLICATION ALL

Answer: C

16. Given the following server information, which of the following commands will catalog this node?

Instance name: db2inst1

Port number: 60000

Service name: db2c_db2inst1

Host TCP/IP address: 10.205.15.100

Hostname: tcphost

Protocol: TCP/IP

- A.CATALOG TCPIP NODE db2tcp REMOTE 10.205.15.100
- B.CATALOG TCPIP NODE db2tcp REMOTE tcphost SERVER 60000
- C.CATALOG TCPIP NODE db2tcp REMOTE tcphost SERVER db2inst1
- D.CATALOG TCPIP NODE db2tcp REMOTE tcphost INSTANCE db2inst1

Answer: B

17. For a DB2 instance db2inst1 on a server with port 50000 available, which of the following commands must be run in order to configure DB2 to listen for incoming TCP/IP connections?

- a. db2set db2comm=tcPIP
- b. db2 UPDATE DBM CFG USING PORT_NUM 50000
- c. db2 UPDATE DBM CFG USING SVCENAME DB2C_db2inst1
- d. db2 UPDATE DBM CFG USING TP_MON_NAME db2inst1
- e. Add "DB2C_db2inst1 50000/tcp" to the services file
- f. db2set db2comm=tcp/ip

A.a, b, c

B.c, e, f

C.a, d, e

D.a, c, e

Answer: D

18. A DBA attempts to use the Task Center to schedule a daily database backup and is not successful. A GET ADMIN CFG command shows that TOOLSCAT_DB, TOOLSCAT_INST, and TOOLSCAT_SCHEMA are all NULL on the DB2 server where the backup task was attempted. What must be done to enable scheduling of tasks on this server using the Task Center?

- A. Use the CREATE DATABASE command to create a database called TOOLSDB.
- B. Use the CREATE TOOLS CATALOG command to create the DB2 tools catalog tables in a new or existing database.
- C. Create a table space called SYSTOOLSPACE in the database that the Task Center was trying to schedule a Backup for using CREATE TABLESPACE.
- D. Create a new schema called TOOLSCAT in the database that the Task Center was trying to schedule a Backup for and then use UPDATE ADMIN CFG to reference that database, instance and schema.

Answer: B

19. There is a job in Task Center scheduled to run every Saturday. The Scheduler is turned off on Friday for system maintenance and then restarted on Monday. Under which of the following conditions is the job scheduled for Saturday executed when the Scheduler is restarted?

- A. The exec_exp_task DB2 registry is set to yes.
- B. The exec_exp_task Database configuration parameter is set to yes.
- C. The exec_exp_task Database Manager configuration parameter is set to yes.
- D. The exec_exp_task Administration server configuration parameter is set to yes.

Answer: D

20. The database sample is created using the following command:

```
CREATE DATABASE sample ON /databases
```

In order to update statistics for only the tables that need it, between the hours of midnight and 2am, what actions must be taken?

- A.Enable HEALTH MONITOR for the database.
- B.Update the relevant database configuration parameters.
- C.Update the relevant database manager configuration parameters.
- D.Use automatic maintenance and define an appropriate maintenance window.

Answer: D

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