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## **Q&A**

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**Exam** : **C2090-619**

**Title** : IBM Informix 12.10 System  
Administrator

**Version** : Demo

1.Which configuration parameter can toggle the automatic expansion of storage spaces?

- A. SP\_AUTOGROW
- B. SP\_AUTO\_SPACE
- C. SP\_AUTOEXPAND
- D. SP\_EXPAND\_ENABLE

**Answer: C**

2.Which statement is FALSE about dbspace configurable page sizes?

- A. Dbspace page size can only be set for non-critical dbspaces.
- B. Possible page sizes are multiples of the default page size up to 16 kb.
- C. Configure page sizes as close to the backup / restore and network buffer size as possible for efficient data transfer across the wire.
- D. Dbspace page size should be configured to accommodate the greatest number of average row sizes with a minimum of remainder pages being used.

**Answer: C**

3.An Informix server is configured with multiple CPU VPs and poll threads and is experiencing NSF lock errors.

What action should be taken to reduce the network shared file lock contention?

- A. Increase the value of MAX\_INCOMPLETE\_CONNECTIONS.
- B. Increase the value of NUMFDSERVERS and add more poll threads.
- C. Increase the value of NUMFDSERVERS and increase the number of MSC VPs.
- D. Increase the network buffer pool using the IFX\_NETBUF\_PVTPOOL\_SIZE environment variable.

**Answer: B**

4.Which configuration parameter should be set to enable asynchronous page requests when the database server detects that a query is waiting on I/O?

- A. DIRECT\_IO
- B. DBUPSPACE
- C. AUTO\_AIOVPS
- D. AUTO\_READAHEAD

**Answer: D**

5.Which table attribute defines the percentage of changes (insert/update/delete) threshold to consider the statistics as stale?

- A. STATAUTO
- B. STATFORCE
- C. FORCE AUTO
- D. STATCHANGE

**Answer: D**

6.Which configuration parameter locks the resident and virtual segments of shared memory in operating-system physical memory?

- A. SHMSEG

- B. SHMBASE
- C. RESIDENT
- D. INFORMIXSHMLCK

**Answer: C**

7.Which configuration parameter can be set to quickly return rows to a user while a query continues processing?

- A. OPTOFC
- B. OPTMSG
- C. OPT\_GOAL
- D. OPTCOMPIND

**Answer: C**

8.Which statement is FALSE about Informix Automatic checkpoint Feature?

- A. Automatic checkpoints cause less logical log activity.
- B. Automatic checkpoints try to avoid transaction blocking.
- C. Automatic checkpoints cause the database server to trigger more frequent checkpoints.
- D. Automatic checkpoints can be dynamically enabled or disabled by using onmode -wm or onmode -wf.

**Answer: A**

9.Which option maximizes performance in an Informix Warehouse (DSS) environment?

- A. Higher value of LOGBUFF.
- B. Higher value of PHYSBUFF.
- C. Higher value of BUFFERPOOL and lower value of DS\_TOTAL\_MEMORY.
- D. SHMTOTAL set to 0 to allow Informix to access all available physical memory.

**Answer: D**

10.Consider the following statements: DBSPACETEMP=tempdbs1, tempdbs2, tempdbs3; CREATE DATABASE mydb WITH LOG IN datadbs1; CREATE TEMP TABLE temp1 (col1 int); Which statement is true?

- A. The temp table will be created in datadbs1.
- B. The temp table will be created in root dbspace.
- C. The temp table will be careated in one of the dbspaces listed in DBSPACTEMP.
- D. The temp table will be created round-robin across the dbspaces in DBSPACETEMP.

**Answer: B**

11.Which Informix utility can be used to display contents of logical-log files, either from disk or from backup?

- A. onlog
- B. onclean
- C. ondblog
- D. onspaces

**Answer: A**

12. In which table can you find a history of all SQL Administration API functions executed in the last 30 days?

- A. sysadmin:admin\_history
- B. sysmaster:admin\_history
- C. sysadmin:command\_history
- D. sysmaster:command\_history

**Answer: C**

13. The following message is received: Lock table overflow - user id user32, session id 54.

What action should be taken to prevent this problem in the future?

- A. Run onclean utility to clear the lock table.
- B. Increase the LOCKS configuration parameter.
- C. Turn on the AUTO\_TUNE configuration parameter.
- D. Change the DEF\_TABLE\_LOCKMODE configuration parameter from page to row.

**Answer: B**

14. You need to create a new role for users on stores database.

Which system catalog table can be checked to ensure the uniqueness of the new role name?

- A. stores:sysusers
- B. sysmaster:sysroles
- C. sysuser:sysroleauth
- D. sysmaster:sysusers

**Answer: A**

15. Which Informix utility is used to print information about runtime statistics for all threads in the server?

- A. onstat -g sta
- B. onstat -g act
- C. onstat -g rea
- D. onstat -g cpu

**Answer: D**

16. Given the following:

**Table Schema**

```
CREATE TABLE tab1 (  
  col1 INT,  
  col2 TEXT ) LOCK MODE PAGE;  
CREATE UNIQUE INDEX tab1_idx1 ON tab1(col1);
```

**SELECT Statement**

```
SET ISOLATION TO DIRTY READ;  
SELECT {+INDEX(tab1 tab1_idx1)} col1 FROM tab1;
```

How many locks will be used on tab1 to run the query?

- A. 0
- B. 1
- C. 2
- D. Depends on the number of index pages accessed

**Answer: A**

17.Which SQL statement is valid to monitor database server sessions?

- A. EXECUTE FUNCTION task ("onstat", "-g ses");
- B. EXECUTE FUNCTION task ("view sessions", "all");
- C. EXECUTE FUNCTION task ("check sessions", "all");
- D. EXECUTE FUNCTION task ("check server", "sessions");

**Answer: A**

18.Given the following statement: UPDATE STATISTICS LOW FOR TABLE customer (customer\_num);  
Which catalog table data is NOT updated?

- A. sysdistrib
- B. systables
- C. sysindexes
- D. syscolumns

**Answer: A**

19.Which two types of locks are used by Informix to access a shared memory buffer? (Choose two.)

- A. Byte
- B. Shared
- C. Update
- D. Exclusive
- E. Promotable

**Answer: B,D**

20.Which statement about DataBlade modules is true?

- A. All DataBlades located in the \$INFORMIXDIR/extend are automatically registered.
- B. All built-in extensions are automatically registered when the extension is first accessed.
- C. All built-in extensions are automatically registered each time the database sever is started.
- D. All built-in extensions are automatically registered when the database server is first initialized.

**Answer: B**