



**IBM**

## **Exam Questions C2090-619**

IBM Informix 12.10 System Administrator (C2090-619)

#### NEW QUESTION 1

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

#### NEW QUESTION 2

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

#### NEW QUESTION 3

Which statement is true regarding default roles?

- A. The DBSA can define a default role to assign only to the PUBLIC group for a particular database.
- B. The privileges associated with a default role takes precedence over the privileges granted to an individual user.
- C. The DBSA can define a default role to assign to individual users or to the PUBLIC group for a particular database.
- D. When a user connects to a database, it is necessary to use the SET ROLE DEFAULT statement in order to gain the default role privileges.

**Answer:** C

#### NEW QUESTION 4

When free memory is limited, which configuration parameter should be set to allow critical database activities to complete successfully?

- A. LOW\_MEMORY\_SVR
- B. LOW\_MEMORY\_MGR
- C. LOW\_MEMORY\_RESERVE
- D. LOW\_MEMORY\_PRESERVE

**Answer:** C

#### NEW QUESTION 5

When you take a level 2 backup, what data is backed up?

- A. All new data since the last level 1 backup.
- B. All new data since the last level 2 backup.
- C. All logical logs which have not previously been backed up.
- D. All new data since the last level 0, level 1 or level 2 backup.

**Answer:** A

#### NEW QUESTION 6

Which two tasks can be performed through an Informix Grid? (Choose two.)

- A. Install Informix products.
- B. Start Informix servers in a grid.
- C. Copy external files to grid servers.
- D. Setup replication automatically in a grid.
- E. Modify replication server attributes for grid servers.

**Answer:** CD

#### NEW QUESTION 7

What is the purpose of the GRANT ADMIN privilege?

- A. Grants the admin privilege to create role separation.
- B. Grants the admin privilege to perform DBSA functions.
- C. Grants the admin privilege to use the Open Admin Tool.
- D. Grants the admin privilege to run SQL administration API commands.

**Answer:** D

#### NEW QUESTION 8

Which statement is true about restartable restore?

- A. ontape can perform restartable restores if a backup is taken to disk.
- B. Restartable restore is the ability to restart a failed restore using onbar.
- C. Restartable restore is the ability to restart a failed restore using ontape.
- D. Restartable restore is the ability to restart an instance using a restore from some other computer.

**Answer:** B

#### NEW QUESTION 9

Several operating-system kernel configuration parameters can affect the use of shared memory by the database server. Which two kernel parameters may need to be configured? (Choose two.)

- A. Memory page size.
- B. Total number of available semaphores.
- C. Lower-boundary address for shared memory.
- D. Total memory presented to the operating system.
- E. Maximum operating-system shared-memory segment size.

**Answer:** CE

#### NEW QUESTION 10

In an organization, all employees are authenticated via domain wide Kerberos single sign- on. The DBSA wants to provide access to the database server for an employee without requesting the Operating System (OS) administrator to create a OS level user account. Which Informix feature does the DBSA need to leverage?

- A. Mapped users
- B. Role based users
- C. Table level access for users
- D. Label based access for users

**Answer:** A

#### NEW QUESTION 10

Which option is available through ifx\_grid\_connect()?

- A. Rename a replicated database.
- B. Enable use of TimeSeries columns in tables.
- C. Enable automatic creation of templates in a grid.
- D. Defer propagation of DDL statements to other servers in the grid.

**Answer:** D

#### NEW QUESTION 14

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

#### NEW QUESTION 19

Which statement about Storage Provisioning is true?

- A. Only raw devices can be extended.
- B. Only cooked devices can be extended.
- C. Only unmirrored spaces can be extended.
- D. Mirrored and unmirrored spaces can be extended.

**Answer:** C

#### NEW QUESTION 21

When the server is in administration mode, which users are NOT allowed to connect?

- A. informix
- B. Members of the DBSA group
- C. Members of the DBSSO group
- D. Users specified by ADMIN\_MODE\_USERS

**Answer:** C

#### NEW QUESTION 25

What are two requirements for the "ifxclone" utility? (Choose two.)

- A. All databases must use logging.

- B. The source server must be a secondary server.
- C. Only one server clone process can occur at a time.
- D. Both the source and target servers must be part of a trusted network environment.
- E. Both the source and target servers must use the same type of disk space (raw or cooked).

**Answer:** CD

#### NEW QUESTION 26

In addition to examining the Connection Manager log file, what are two ways to monitor the Connection Manager status? (Choose two.)

- A. onstat
- B. onmode
- C. oncmsm
- D. onmonitor
- E. OpenAdmin Tool

**Answer:** AE

#### NEW QUESTION 27

"informix\_stores" is an established primary server with a SDS server. What is the effect of running the following command? EXECUTE FUNCTION sysadmin:admin("ha sds clear", "informix\_stores");

- A. Shuts down the primary server and converts the secondary server to be the primary.
- B. Clears the log position of the SDS servers and restarts replication.
- C. Converts the shared disk secondary server to a standard server and shuts down the primary server.
- D. Stops replication to the shared disk secondary servers and converts the primary server to a standard server.

**Answer:** D

#### NEW QUESTION 30

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

#### NEW QUESTION 33

Which two technologies use the ENCRYPT\_MAC configuration parameter to control the level of message authentication code (MAC) generation? (Choose two.)

- A. On-disk encryption
- B. Enterprise Replication
- C. Column level encryption
- D. High-Availability Data Replication
- E. Server-to-server distributed query communication

**Answer:** BD

#### NEW QUESTION 37

What kinds of Table Level Restores can be done by the archecker utility?

- A. Only logical restore.
- B. Only physical restore.
- C. Only point in time restore.
- D. Physical, logical, and point in time restores.

**Answer:** D

#### NEW QUESTION 42

Which statement is true regarding the selective row-level auditing feature in Informix?

- A. You can create audit masks corresponding to row-level events of a specific table.
- B. Selective row-level auditing must be explicitly turned on using the onshowaudit utility.
- C. When you create a table, you can specify if row-level auditing should be enabled for the table.
- D. When you create a database, you can specify if row-level auditing should be enabled for all the tables within the database.

**Answer:** C

#### NEW QUESTION 43

Which operation can benefit from PDQ?

- A. Checkpoints
- B. Data replication

- C. DML Statement
- D. Login Log flushing

**Answer:** C

#### NEW QUESTION 46

Which value of DRINTERVAL should be used for HDR\_TXN\_SCOPE configuration parameter to take effect?

- A. -1
- B. 1
- C. 30

**Answer:** B

#### NEW QUESTION 51

Which type of device does Primary Storage Manager support?

- A. File
- B. Tape
- C. Directory
- D. Named pipe

**Answer:** A

#### NEW QUESTION 55

Click on the exhibit. Which type of join is occurring?

- A. Star Join
- B. ANSI Join
- C. Index Self-Join
- D. Multi Index Join

**Answer:** A

#### NEW QUESTION 60

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

#### NEW QUESTION 61

When KAIO is available and raw disk is used, which statement is true?

- A. Logical Log IO is performed by the LIO VP.
- B. Physical Log IO is performed by the PIO VP.
- C. Logical Log IO is performed by the KAIO VP.
- D. Physical Log IO is performed by the CPU VP.

**Answer:** D

#### NEW QUESTION 64

What is the primary benefit of a Storage Pool?

- A. It allows data to be shared across instances.
- B. It allows data to be shared across dbspaces.
- C. It allows space to automatically be added to dbspaces.
- D. It allows space to be reserved for critical database operations.

**Answer:** C

#### NEW QUESTION 67

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

#### NEW QUESTION 72

Which Informix utility can be used to customize the onconfig file?

- A. ifxdeploy
- B. genoncfg
- C. dbaccess
- D. onparams

**Answer: B**

#### NEW QUESTION 76

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**

#### NEW QUESTION 79

Which command line utility does NOT have the equivalent functionality using the SQL Administration API?

- A. oninit
- B. onmode
- C. onspaces
- D. onparams

**Answer: A**

#### NEW QUESTION 84

What data migration tool(s) should be used to load data from a non-Informix data source?

- A. dbimport
- B. onload and dbload
- C. dbload and High Performance Loader
- D. onload and High Performance Loader

**Answer: C**

#### NEW QUESTION 89

When executing the following command: `execute function sysadmin task("table compress", "customer")` what will happen to the customer table?

- A. Only newly added rows will be compressed.
- B. Only existing data will be compressed, new data will remain uncompressed.
- C. Row data and partition blobs will be compressed and any free table space will be released.
- D. Row data and partition blobs will be compressed and the space allocated to the table will remain.

**Answer: C**

#### NEW QUESTION 93

Which HDR configuration parameter provides three synchronization modes to control when transaction commits are returned to client applications?

- A. DELAY\_APPLY
- B. HDR\_TXN\_SCOPE
- C. LOG\_INDEX\_BUILDS
- D. FAILOVER\_TX\_TIMEOUT

**Answer: B**

#### NEW QUESTION 98

Which option provides the greatest performance benefit in an Informix warehouse environment?

- A. Setting lower value of PDQPRIORITY.
- B. Increasing the number of B-Tree cleaners.
- C. Setting higher value of DS\_TOTAL\_MEMORY.
- D. Setting value of OPT\_GOAL configuration variable to 0.

**Answer: C**

#### NEW QUESTION 99

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:** BD

#### NEW QUESTION 100

Which is NOT a feature of onbar backups?

- A. The ability to parallelize backups.
- B. The ability to do a point-in-time restore.
- C. The ability to backup without a storage manager.
- D. The ability to do an external backup using a Storage Area Network.

**Answer:** C

#### NEW QUESTION 103

Which SQL statement is used to remove detailed statistical information from the sysdistrib catalog table?

- A. UPDATE STATISTICS DISTRIBUTIONS ONLY
- B. UPDATE STATISTICS LOW DROP DISTRIBUTIONS
- C. UPDATE STATISTICS LOW REMOVE DISTRIBUTIONS
- D. UPDATE STATISTICS MEDIUM REMOVE DISTRIBUTIONS

**Answer:** B

#### NEW QUESTION 108

Which threshold setting applies when configuring automatic memory management?

- A. SHMTOTAL
- B. BUFFERPOOL
- C. SHMVIRTSIZE
- D. DS\_TOTAL\_MEMORY

**Answer:** A

#### NEW QUESTION 113

Which statement is NOT true about a Storage Pool?

- A. You can create multiple storage pools per database server.
- B. You can add, modify, delete, and purge storage pool entries.
- C. Priorities can be used to determine space allocation order.
- D. It consists of any combination of a raw device, a cooked file, or a directory.

**Answer:** A

#### NEW QUESTION 114

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

#### NEW QUESTION 116

The DBA has defined the following configuration parameters in the onconfig file:

```
LOW_MEMORY_MGR 1
SHMTOTAL 1000000
```

The following SQL command is executed in the SYSADMIN database:

```
EXECUTE FUNCTION task("scheduler lmm enable",
    "LMM START THRESHOLD", "2",
    "LMM STOP THRESHOLD", "3",
    "LMM IDLE TIME", "300");
```

What are the actual values for LMM START THRESHOLD and LMM STOP THRESHOLD computed internally by the database server?

- A. LMM START THRESHOLD = 2MB and LMM STOP THRESHOLD = 3MB
- B. LMM START THRESHOLD = 20MB and LMM STOP THRESHOLD = 30MB

- C. LMM START THRESHOLD = 500MB and LMM STOP THRESHOLD = 333MB
- D. LMM START THRESHOLD = 2% and LMM STOP THRESHOLD = 3% of physical memory in the system

**Answer:** B

#### NEW QUESTION 120

To potentially return unused extent pages to the chunk free list, an Informix administrator would execute which storage optimization operation?

- A. Shrink
- B. Repack
- C. Compress
- D. Defragment

**Answer:** A

#### NEW QUESTION 122

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 created in one of the dbspaces listed in DBSPACETEMP.
- D. The temp table will be created round-robin across the dbspaces in DBSPACETEMP.

**Answer:** B

#### NEW QUESTION 123

An Enterprise Replication server is a primary server for shared-disk secondary servers. The DBA wants to reduce the replication latency by reducing the number of transactions that are applied before the logs are flushed to disk. What configuration parameter should the DBA modify?

- A. CDR\_MAX\_TXNS
- B. CDR\_TSINSTANCEID
- C. CDR\_MAX\_FLUSH\_SIZE
- D. CDR\_LOG\_LAG\_ACTION

**Answer:** C

#### NEW QUESTION 126

The 'onstat -k' output is showing '56 lock table overflows'. Which catalog table can be used to display the relevant lock statistics?

- A. syslocks
- B. systables
- C. sysprofile
- D. sysoverflow

**Answer:** C

#### NEW QUESTION 131

Where must the HA\_FOC\_ORDER configuration parameter be set?

- A. Any server in the cluster.
- B. The primary server only.
- C. The SDS secondary only.
- D. The HDR secondary only.

**Answer:** B

#### NEW QUESTION 134

Which two statements are true? (Choose two.)

- A. Logical log files must always reside in rootdbs.
- B. Having too little log space does not affect performance.
- C. Having too much log space does not affect performance.
- D. Simple large objects in blobspaces are not logged and they are included in the log backup in which the object was created.
- E. Simple large objects in blobspaces are not logged and they are not included in the log backup in which the object was created.

**Answer:** CD

#### NEW QUESTION 135

Which objects can be compressed?

- A. CLOBs
- B. smart BLOBs
- C. partition BLOBs



D. blobspace BLOBs

**Answer:** C

#### NEW QUESTION 138

Which statement is valid about Data consolidation using send-only replicates?

- A. You can have more than one target server.
- B. You cannot modify a server to change its mode to send-only.
- C. You cannot use this replicate for tables that include TimeSeries columns.
- D. You need to define a different replicate for each send-only primary server.

**Answer:** C

#### NEW QUESTION 139

For a query to be processed by the accelerator, the query or query block should meet the certain criteria. Which statement is FALSE?

- A. The query or query block must include at least 2 fact tables.
- B. The query or query block must refer to a subset of the tables in the AQT.
- C. The scalar and aggregate functions in the query or query block must be supported by the Informix Warehouse Accelerator.
- D. The table references or joins specified in the query or query block must be the same as the references in the data mart definition.

**Answer:** A

#### NEW QUESTION 144

Which statement accurately describes the selective row-level auditing feature in Informix?

- A. Auditing can be configured so that row-level events of only selected views are recorded in the audit trail.
- B. Auditing can be configured so that row-level events of only selected tables are recorded in the audit trail.
- C. Auditing can be configured so that events of only selected rows within a table are recorded in the audit trail.
- D. Auditing can be configured so that row-level events of only selected partitions are recorded in the audit trail.

**Answer:** B

#### NEW QUESTION 149

The sector option for cdr utility is used to perform what operation?

- A. Dynamically convert ER cluster instances in order to perform rolling upgrades.
- B. Dynamically convert H/A cluster instances in order to perform rolling upgrades.
- C. Dynamically reconfigure Connection Manager SLAs for ER clusters in order to perform rolling upgrades.
- D. Dynamically reconfigure Connection Manager SLAs for H/A clusters in order to perform rolling upgrades.

**Answer:** B

#### NEW QUESTION 154

How do the MAX\_PDQPRIORITY onconfig parameter and the PDQPRIORITY environment variable work together to constrain access to PDQ resources?

- A. PDQPRIORITY is the only constraint.
- B. MAX\_PDQPRIORITY is the only constraint.
- C. The minimum of the two values is the actual constraint.
- D. The constraint is  $\text{MAX\_PDQPRIORITY} / 100 * \text{PDQPRIORITY} / 100$ .

**Answer:** D

#### NEW QUESTION 158

Which OpenAdmin Tool feature is used to analyze the state of the Informix database server and can alert the DBA through email?

- A. SQL Toolbox
- B. Health Advisor
- C. Server Administration
- D. Performance Analysis

**Answer:** B

#### NEW QUESTION 161

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

#### NEW QUESTION 166

What is the earliest version you can migrate / upgrade directly to Informix 12.10?

- A. 7.30
- B. 8.0
- C. 9.40
- D. 10.0

**Answer:** D

#### NEW QUESTION 167

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

#### NEW QUESTION 172

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

#### NEW QUESTION 173

Which of the following is NOT possible during a non-root Informix Server installation?

- A. Role Separation
- B. Create users and groups
- C. Create a database server instance
- D. Secure the Informix installation directory

**Answer:** B

#### NEW QUESTION 177

Which Enterprise Replication command CANNOT be used on replicates that include TimeSeries columns?

- A. cdr start
- B. cdr sync
- C. cdr realize
- D. cdr remaster

**Answer:** D

#### NEW QUESTION 179

Which two statements are true about Enterprise Replication of TimeSeries data types? (Choose two.)

- A. ATS and RIS files must be in XML format.
- B. The replicate must be a mastered replicate.
- C. The conflict resolution rule must be always-apply.
- D. The WHERE clause in the participant definition must include a TimeSeries column.
- E. CDR\_TSINSTANCEID configuration parameter must be set to the same value for every replication server.

**Answer:** BC

#### NEW QUESTION 182

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