

Exam 1Z0-046 study material

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Free 1Z0-046 Exam Preparation Questions

Exam 1Z0-046: Oracle Database 10g: Managing Oracle on Linux for DBA's

Question: 1

Which three statements about the shmmax parameter are true? (Choose three.)

- A. affects the kernel settings
- B. specifies the maximum size of the swap
- C. limits the size of the shared memory segments
- D. sets the shared memory values only when a new shell is invoked
- E. defines the maximum number of shared memory segments across the system
- F. should be equal to or larger than the largest System Global Area (SGA) on the system

Answer: A, C, F

Question: 2

You require multiple groups of DBAs to administer different databases on the same server. Which two actions would you recommend in this scenario? (Choose two.)

- A. Run Oracle Universal Installer (OUI) as the user root.
- B. Create a separate OSDBA group for each set of databases.
- C. Create database instances in separate ORACLE_HOME directories.
- D. Create a separate OPER group and make it the primary group for the administrators.

Answer: B, C

Question: 3

A non-General Public License (GPL) driver was loaded on a Linux machine. To verify that the module has tainted the kernel, you executed the `cat /proc/sys/kernel/tainted` command and received the following output: `[root@edtdr6p1 root]# cat /proc/sys/kernel/tainted 1` What do you infer from the output? (Choose all that apply.)

- A. A proprietary module has been loaded.
- B. A module is marked unsupported by the vendor.
- C. All the loaded modules have General Public License (GPL).
- D. A module was force-loaded by using the `insmod -f` command.

Answer: A, D

Question: 4

You have created the `dbora` script for automating the database startup and shutdown processes and associated the script with the run levels. The `dbshut` script is associated with runlevel 6. However, when you shut down the operating system (OS) the `dbshut` script does not run. Which two statements explain the reason for the nonexecution of the `dbshut` script? (Choose two.)

- A. The `dbora` lock file must be referenced in the `dbshut` script.
- B. The `dbora` script file must contain a reference to the `dbora` lock file.
- C. The `dbora` lock file is not found in the `/var/lock/subsys/` directory.
- D. The `dbora` script file entry in runlevel 6 must be linked to the `dbora` script.

Answer: B, C

Question: 5

You have a Linux machine with the following features:

- 1) No RAID configuration
- 2) Operating system without asynchronous I/O

The Oracle database instance is running on the machine. You executed the `iostat -d -x 2 2` command and observed the following:

- 1) High wait time for I/O requests
- 2) Small request queue size

What would you do to ensure better I/O performance?

A. Add more swap space to the system.

- B. Enable the database instance to use I/O slaves.
- C. Add additional Host Bus Adapters (HBAs) in the system.
- D. Increase the communication area for I/O buffers by increasing the size of the large pool.

Answer: B

Question: 6

You attempt to modify the `ksms.s` library and relink the Oracle database executable to use the address `0X15000000` for the System Global Area (SGA). You receive an error. Which set of commands would you use to restore the original settings?

- A. `$ echo 0X1000000 > ksms.s` `$`

- B. The output of the cron tasks is sent to the location defined by the HOME variable.
- C. These four statements configure the environment in which the cron tasks are run.
- D. The output of the cron tasks is sent to the location defined by the MAILTO variable.
- E. These four statements specify the environment for the tasks that run with root privileges.
- F. The location that a cron task uses to execute commands is specified by the PATH variable.

Answer: C, D, F

Question: 10

Which statement correctly describes the swap cache in the Linux memory model?

- A. It is an area in the swap file that maintains the number of page ins and page outs for every process.
- B. It contains the page entry table to record the addresses of in-memory pages that are not swapped out at all.
- C. It is an area in the RAM that is used to record the number of swap in and swap out operation for every page.
- D. It is an area in the RAM that tracks the pages that are swapped out and have not been modified since they were swapped out.

Answer: D

Question: 11

You changed the following parameters in your database while configuring very large memory (VLM).
 USE_INDIRECT_DATA_BUFFERS=true DB_BLOCK_BUFFERS=1048576
 SHARED_POOL_SIZE=2831155200 You received the following error while restarting the database instance: ORA-27103: internal error Linux Error: 11: Resource temporarily unavailable What could be the reason for this?

- A. The memlock is set too small.
- B. Hugepage is not configured in the system.
- C. The oracle user cannot write into the /dev/shm directory.
- D. The DB_CACHE_SIZE parameter is set to a non-zero value in the parameter file.

Answer: A

Question: 12

You have multiple versions of the Oracle database software on a Linux machine. In which two scenarios would you need to relink Oracle executables using the Oracle relink utility? (Choose two.)

- A. after an operating system upgrade
- B. after applying the Oracle patch for a specific module
- C. after upgrading Oracle 9i Database to Oracle Database 10g
- D. after the database creation failed because of hardware failure

Answer: A, B

Question: 13

Which command would you use to identify the users that belong to the oradba group?

- A. id -G
- B. uname -g
- C. grep ^oradba: /etc/passwd
- D. grep ^oradba: /etc/group

Answer: D

Question: 14

The following is a database alert log entry: Errors in file
 /u01/app/oracle/admin/orcl/udump/orcl_ora_18464.trc:ORA-00600: internal error code, arguments:
 [kcfrbd_3], [1], [3932239], [1], [62720], [62721], [], []

Which statement describes the significance of the first argument enclosed in brackets?

- A. It indicates the process identification number.
- B. It indicates, in the code, where the error was caught.
- C. It indicates the system resource that caused the error.
- D. It indicates that the error is caught either in the background or the foreground process.

Answer: B

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