

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 $ make -f ins_rdbms.mk ksms.s`
- B. `$ echo 0X15000000 > ksms.s $ make -f ins_rdbms.mk ioracle`
- C. `$ make -f ins_rdbms.mk ksms.s $ make -f ins_rdbms.mk ioracle`
- D. `$ genksms > ksms.s $ make -f ins_rdbms.mk ksms.o $ make -f ins_rdbms.mk ioracle`
- E. `$ genksms -s 0X10000000 > ksms.o $ genksms > ksms.s $ make -f ins_rdbms.mk ksms.o`

Answer: D

Question: 7

View the Exhibit. Your applications are running on a Linux system. Which two statements can you infer from the output of the free command? (Choose two.)

```

$ free
              total        used        free     shared    buffers     cached
Mem:           4040360      4012200         28160          0         176628         3571348
-/+ buffers/cache:      264224         3776136
Swap:          4200956          12184         4188772

```

- A. The total memory used only by the kernel is 264224 KB.
- B. Only 28160 KB memory can be allocated to the applications, if needed.
- C. The memory in buffers and cache will be released to the applications, if needed.
- D. The memory allocated to buffers and cache are never used for other applications for better I/O performance.

Answer: A, C

Question: 8

You are monitoring the input/output (I/O) speed of your system. Which three factors would affect the speed? (Choose three.)

- A. wait time
- B. transfer rate
- C. service time
- D. idle time percentage
- E. number of user processes

Answer: A, B, C

Question: 9

View the Exhibit and examine the highlighted statements of the /etc/crontab file. Which three options about the crontab file are true? (Choose three.)

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: [kcfbrd_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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