

CompTIA

Exam LX0-101

Linux Part 1

Version: 8.0

[Total Questions: 119]

Topic 1, Volume A**Question No : 1 - (Topic 1)**

An administrator is planning a partition scheme for a new Linux installation. Which of the following directories should the administrator consider for separate partitions? (Select THREE).

- A. /etc
- B. /home
- C. /var
- D. /lib
- E. /tmp

Answer: B,C,E

Question No : 2 - (Topic 1)

Which of the following is the difference between the --remove and the --purge action with the dpkg command?

- A. --remove removes the program, --purge also removes the config files.
- B. --remove only removes the program, --purge only removes the config files.
- C. --remove removes a package, --purge also removes all packages dependent on it.
- D. --remove removes only the package file itself, --purge removes all files related to the package.

Answer: A

Question No : 3 - (Topic 1)

Which of the following is the process ID number of the init program?

- A. -1
- B. 0
- C. 1
- D. It is different with each reboot.
- E. It is set to the current run level.

Answer: C

Question No : 4 - (Topic 1)

Pressing the Ctrl-C combination on the keyboard while a command is executing in the foreground sends which of following signal codes?

- A. 1 (SIGHUP)
- B. 2 (SIGINT)
- C. 3 (SIGQUIT)
- D. 9 (SIGKILL)
- E. 15 (SIGTERM)

Answer: B

Question No : 5 - (Topic 1)

To what environment variable will an administrator assign or append a value if the administrator needs to tell the dynamic linker to look in a build directory for some of a program's shared libraries?

- A. LD_LOAD_PATH
- B. LD_LIB_PATH
- C. LD_LIBRARY_PATH
- D. LD_SHARE_PATH
- E. LD_RUN_PATH

Answer: C

Question No : 6 - (Topic 1)

An administrator has just added a CD-ROM drive (/dev/hdd) to a system and added it to the administrator's fstab. Typically the administrator can use which of the following commands to mount media in that drive to /mnt/cdrom?

- A. mount /dev/cdrom /mnt/cdrom
- B. mount /dev/cdrom

- C. mount -t cdrom /dev/cdrom /mnt/cdrom
- D. mount /mnt/cdrom
- E. automount /mnt/hdd /mnt/cdrom}

Answer: D

Question No : 7 - (Topic 1)

An administrator wishes to kill a process with a PID of 123. Which of the following commands will allow the process to "clean up" before exiting?

- A. kill -1 123
- B. kill -9 123
- C. kill -15 123
- D. kill -17 123

Answer: C

Question No : 8 CORRECT TEXT - (Topic 1)

What command with all options and/or parameters will send the signal USR1 to any executing process of program apache2?

Answer: killall -s SIGUSR1 apache2, killall -s USR1 apache2,killall -SIGUSR1 apache2,killall -USR1 apache2

Question No : 9 - (Topic 1)

All of the following commands will update the Modify timestamp on the file /tmp/myfile.txt EXCEPT:

- A. file /tmp/myfile.txt
- B. echo "Hello" >/tmp/myfile.txt
- C. sed -ie "s/1/2/" /tmp/myfile.txt
- D. echo -n "Hello" >/tmp/myfile.txt
- E. touch /tmp/myfile.txt

Answer: A

Question No : 10 - (Topic 1)

In the vi editor, which of the following commands will delete the current line at the cursor and the 16 lines following it (17 lines total)?

- A. 17d
- B. 17dd
- C. 17x
- D. d17d
- E. 16d

Answer: B

Question No : 11 CORRECT TEXT - (Topic 1)

The system configuration file named _____ is commonly used to set the default runlevel. (Please provide the fill name with full path information).

Answer: /etc/inittab

Question No : 12 - (Topic 1)

In compliance with the FHS, in which of the following places are man pages typically found?

- A. /usr/share/man
- B. /opt/man
- C. /usr/doc/
- D. /var/pkg/man
- E. /usr/local/man

Answer: A

Question No : 13 - (Topic 1)

The lspci command can display information about devices EXCEPT:

- A. card bus speed (e.g. 66Mhz).
- B. card IRQ settings.
- C. card vendor identification.
- D. card AGP rate (e.g. 1x, 2x, 4x).
- E. card Ethernet MAC address.

Answer: E

Question No : 14 - (Topic 1)

Which of the following command lines would an administrator use to restrict the GNU find command to searching a particular number of subdirectories?

- A. --max-dirs
- B. -dirmax
- C. -maxdepth
- D. -s
- E. -n

Answer: C

Question No : 15 - (Topic 1)

An administrator is looking for an executable file foo. Which of the following commands would search for foo within directories set in the shell variable, PATH?

- A. locate
- B. which
- C. find
- D. query
- E. whereis

Answer: B

Question No : 16 CORRECT TEXT - (Topic 1)

In which directory must definition files be placed to add additional repositories to yum?

Answer: /etc/yum.repos.d,/etc/yum.repos.d/,yum.repos.d,yum.repos.d/

Question No : 17 - (Topic 1)

Which of the following commands will allow an administrator to adjust the number of mounts after which an existing filesystem will be checked by e2fsck?

- A. debugfs
- B. dumpe2fs
- C. mode2fs
- D. tune2fs
- E. mke2fs

Answer: D

Question No : 18 - (Topic 1)

Which of the following directories contains additional information about installed packages?

- A. /usr/share/documentation
- B. /usr/local/share/documentation
- C. /usr/local/doc
- D. /usr/share/doc
- E. /usr/packages/doc

Answer: D

Question No : 19 - (Topic 1)

Which of the following Linux filesystems pre-allocates a fixed number of inodes at filesystems make/creation time, and does NOT generate them as needed?