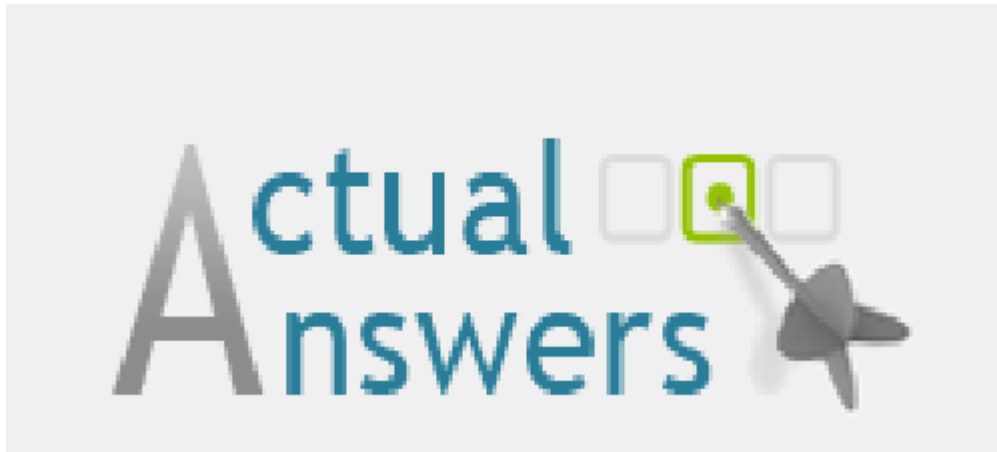


## Comptia LX0-101 Exam Questions & Answers

Number: LX0-101  
Passing Score: 800  
Time Limit: 120 min  
File Version: 32.4



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Comptia LX0-101 Exam Questions & Answers

Exam Name: CompTIA Linux+ [Powered by LPI] Exam 1

## Actualanswers

### QUESTION 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

**Correct Answer:** BCE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 2

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.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 3

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.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

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### QUESTION 4

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)

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 5

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 6

CORRECT TEXT



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

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Answer: KILLALL-SSIGUSR1APACHE2,KILLALL-SUSR1APACHE2,KILLALL- SIGUSR1APACHE2,KILLALL-USR1APACHE2

**QUESTION 7**

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 8**

CORRECT TEXT

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

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Answer: /ETC/INITTAB

**QUESTION 9**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

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**QUESTION 10**

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

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

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**QUESTION 11**

CORRECT TEXT

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

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Answer: /ETC/YUM.REPOS.D,/ETC/YUM.REPOS.D,/YUM.REPOS.D,YUM.REPOS.D/

**QUESTION 12**

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 13**

Which of the following Linux filesystems pre-allocates a fixed number of inodes at filesystems

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make/creation time, and does NOT generate them as needed?

- A. ext3
- B. jfs
- C. reiserfs
- D. xfs

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 14**

CORRECT TEXT

Which command will display messages from the kernel that were output during the normal bootup sequence? (Please enter only a single command and do not enter duplicate answers in this field.)

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- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Answer: /BIN/DMESG,DMESG

**QUESTION 15**

CORRECT TEXT

What file contains kernel level logging information such as output from a network driver module when it is loaded? (Please enter only a single command and do not enter duplicate answers in this field.)

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Answer: /VAR/LOG/KERN.LOG,/VAR/LOG/MESSAGES,KERN.LOG,MESSAGES

**QUESTION 16**

Which of the following Debian package system commands will list all partially installed packages and suggest how to get them correctly installed?

- A. dpkg -C
- B. apt-get -u
- C. dpkg -Dh
- D. dpkg -l
- E. apt-get -y

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 17**

CORRECT TEXT

What command is used to display a file in octal format? (Please enter only a single command and do not enter duplicate answers in this field.)

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Answer: /USR/BIN/HEXDUMP,/USR/BIN/OD,HEXDUMP,OD

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**QUESTION 18**

An administrator wants the default permissions for their files to be -rw-r-----. How must the administrator set umask?

- A. 037
- B. 640
- C. 038
- D. 027

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**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 19**

An administrator is writing text in vi. Now the administrator wants to save their changes and exit. Which of the following sequence of inputs will accomplish this? (Select TWO).

- A. esc ZZ
- B. ctrl :w!
- C. esc zz
- D. esc :wq!
- E. ctrl XX

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 20**

While editing a file in vi, an administrator realizes that the wrong file is being changed. Which of the following vi command sequences will allow the administrator to quit without saving any changes?

- A. :Q!
- B. :q!
- C. :w!
- D. :wq!

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 21**

Which of the following is the output when the below shell script executes? cat <<foobar Hello foobar foobar

- A. The contents of the file foobar
- B. Hello
- C. No output but a file named foobar is created
- D. Hello foobar
- E. Hello foobar  
foobar

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 22**

All of the following commands will execute the bash script /usr/local/bin/runme.sh EXCEPT:

- A. source /usr/local/bin/runme.sh



- B. ./usr/local/bin/runme.sh
- C. /bin/bash /usr/local/bin/runme.sh
- D. /usr/local/bin/runme.sh
- E. run /usr/local/bin/runme.sh

**Correct Answer:** E

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 23

Bob accidentally created the subdirectory \bobsdir in his home directory. He tried to remove the subdirectory with the command rmdir \bobsfile only to receive the error, "No such file or directory." . Which of the following commands will remove the directory?

- A. rmdir '~bob/\bobsdir'
- B. rmdir "~bob/\bobsdir"
- C. rmdir ~bob/"bobsdir"
- D. rmdir ~bob/\bobsdir
- E. rmdir ~bob/\\bobsdir

**Correct Answer:** E

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 24

CORRECT TEXT

An administrator has issued the following command: grub-install --root-directory=/custom-grub /dev/sda In which directory will the new menu.lst file be found? (Provide the full directory path only without the filename).

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Answer: /CUSTOM-GRUB/BOOT/GRUB,/CUSTOM-GRUB/BOOT/GRUB/

#### QUESTION 25

Many people like the vi text editor but the default bash command line editor recognizes emacs keystrokes. Which of the following commands, entered into a bash initialization file, will have bash recognize vi keystrokes after login?

- A. history -p vi
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- B. alias emacs=vi
- C. HISTCMD=vi
- D. set -o vi
- E. unset emacs

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 26**

Which of the following does the Filesystem Hierarchy Standard enable? (Select TWO).

- A. Software to predict the location of installed files and directories.
- B. Software to predict the ownership and access rights to files and directories.
- C. Users to predict the location of installed files and directories.
- D. Users to predict how the filesystem should be formatted according to need.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 27**

Which of the following chown commands will change the ownership to foo and the group to bar on a file named biglist?

- A. chown foo/bar biglist
- B. chown -u foo -g bar biglist
- C. chown foo:bar biglist
- D. chown --user foo --group bar biglist

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 28**

An administrator is trying to make a hard link to an ordinary file but ln returns an error. Which of the following could cause this?

- A. The source file is hidden.
- B. The source file is read-only.
- C. The source file is a shell script.
- D. The administrator does not own the source file.
- E. The source and the target are on different filesystems.

**Correct Answer:** E

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 29**

Which of the following commands will print to standard out only the lines that do not begin with # (pound symbol) in the file foobar?

- A. /bin/grep ^# foobar
- B. /bin/grep -v ^# foobar
- C. /bin/grep # \$ foobar
- D. /bin/grep -v # \$ foobar

**Correct Answer: B**

**Section: (none)**

### **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 30**

For which of the following can the tee command be used?

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- A. Print the contents of a file in reverse order.
- B. Use the output of one command as arguments to another.
- C. Add line numbers to the output of a command.
- D. Pipe the output of one command into the input of another.
- E. Send a command's output to stdout and a to file at the same time.

**Correct Answer: E**

**Section: (none)**

### **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 31**

CORRECT TEXT

The dpkg-\_\_\_\_\_ command will ask configuration questions for a specified package, just as if the package were being installed for the first time.

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

### **Explanation**

### **Explanation/Reference:**

Answer: RECONFIGURE

**QUESTION 32**  
**CORRECT TEXT**

Which command is used to enable disk quotas on a particular filesystem? (Provide only the command, with no options or parameters)

- A.
- B.
- C.
- D.

**Correct Answer:**  
**Section: (none)**  
**Explanation**

**Explanation/Reference:**  
Answer: /sbin/quotad,quotad

**QUESTION 33**  
In bash, inserting 1>&2 after a command redirects:

- A. standard error to standard input.
- B. standard input to standard error.
- C. standard output to standard error.  
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- D. standard error to standard output.
- E. standard output to standard input.

**Correct Answer: C**  
**Section: (none)**  
**Explanation**

**Explanation/Reference:**  
Explanation:

**QUESTION 34**  
An administrator has created a really long letter and after the administrator is done, notices that the name "Bob" has been used many times. The administrator forgot to capitalize it in many instances. Which of the following commands would replace "bob" with "Bob" in all instances and generate a new letter for printing?

- A. sed '/bob/Bob' letter > newletter
- B. sed s/bob/Bob/ letter < newletter
- C. sed 's/bob/Bob' letter > newletter
- D. sed 's/bob/Bob/g' letter > newletter
- E. sed 's/bob, Bob/' letter > newletter

**Correct Answer: D**  
**Section: (none)**  
**Explanation**

**Explanation/Reference:**  
Explanation:

**QUESTION 35**  
Which of the following is the default process priority when a process is started using the nice command?

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- A. -10
- B. 10
- C. 20
- D. 0

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 36**

Which of the following RPM commands will output the name of the package which installed the file /etc/exports?

- A. rpm -F /etc/exports
- B. rpm -qf /etc/exports
- C. rpm -KI /etc/exports
- D. rpm -qp /etc/exports
- E. rpm -qi /etc/exports

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 37**

Which of the following commands will print a list of usernames (first column) and their corresponding user id (uid, third column) from /etc/passwd?

- A. cut -d: -f1,3 /etc/passwd
- B. chop -c 1,3 /etc/passwd
- C. tac 1-3 /etc/passwd
- D. fmt -u /etc/passwd

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 38**

Which of the following commands will print the inode usage on each mounted filesystem?

- A. du -i
- B. df -i
- C. lsfs -i
- D. printfs -i

**Correct Answer:** B  
**Section:** (none)  
**Explanation**

**Explanation/Reference:**  
Explanation:

**QUESTION 39**  
CORRECT TEXT

To prevent users from being able to fill up the / partition, the \_\_\_\_\_ directory should be on a separate partition if possible because it is world writeable.

- A.
- B.
- C.
- D.

**Correct Answer:**  
**Section:** (none)  
**Explanation**

**Explanation/Reference:**  
Answer: /TMP,TMP

**QUESTION 40**  
CORRECT TEXT

The priority of any process can range from -20 to \_\_\_\_\_. (Provide only the numerical value).

- A.
- B.
- C.
- D.

**Correct Answer:**  
**Section:** (none)  
**Explanation**

**Explanation/Reference:**

**QUESTION 41**

Which of the following is true when hard-linked files are present?

- A. The output of stat will report "hard" instead of "regular file"
- B. The hard-linked files may not be empty
- C. Both files will share the same inode
- D. Issuing a long directory listing with ls -l will indicate the link with "->"
- E. The file permissions will be prefixed by an "h", eg. hrwxr-x-r-x

**Correct Answer:** C  
**Section:** (none)  
**Explanation**

**Explanation/Reference:**

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Explanation:

Topic 2, Volume B

**QUESTION 42**

Which of the following files should be edited to select the network locations from which Debian installation package files are loaded?

- A. /etc/dpkg/dpkg.cfg
- B. /etc/apt/apt.conf
- C. /etc/apt/apt.conf.d
- D. /etc/apt/sources.list
- E. /etc/dpkg/dselect.cfg

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 43**

CORRECT TEXT

\_\_\_\_\_ /dev/sda3 will create a swap area on the device /dev/sda3.

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Answer: /sbin/mkswap,mkswap

**QUESTION 44**

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

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 45**

Given the following output: prompt> myapp [1]+ Stopped myapp prompt> Which of the following commands will resume executing the stopped process while allowing the user to continue to type commands at the command prompt?

- A. bg myapp
- B. continue myapp
- C. exec myapp
- D. fg myapp
- E. myapp &

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 46**

Which of the following is the proper device for the third partition, on the second hard disk, on the first IDE controller, on a PC system?

- A. /dev/hdb3
- B. /dev/hd1b3
- C. /dev/hdc1b3
- D. /dev/hdc1d2p3

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 47**

Which of the following commands is used to dump files in octal format?

- A. od
- B. octdump
- C. dumpoct
- D. cat -o

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 48**

CORRECT TEXT

The USB device filesystem can be found under /proc/\_\_\_\_\_/usb/. (Please fill in the blank with the single word only).



- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 49**

Which of the following configuration files should be modified to disable the ctrl-alt-delete key

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- A. /etc/keys
- B. /proc/keys
- C. /etc/inittab
- D. /proc/inittab
- E. /etc/reboot

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 50**

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

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 51**

To allow a regular user account to mount and unmount a filesystem (for instance, a cdrom or floppy), which of the following options will need to be added to the corresponding line in /etc/fstab?

- A. nouidchk
- B. alluser
- C. user
- D. auto

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 52**

Which of the following commands will print a list of usernames (first column) and their corresponding user id (uid, third column) from /etc/passwd?

- A. cut -d: -f1,3 /etc/passwd
- B. chop -c 1,3 /etc/passwd
- C. tac 1-3 /etc/passwd
- D. fmt -u /etc/passwd

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 53**

CORRECT TEXT

The priority of any process can range from -20 to \_\_\_\_\_. (Provide only the numerical value).

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 54**

CORRECT TEXT

An administrator has written a custom tool on their local system. Following the Filesystem Hierarchy Standard (FHS), where should the administrator install the binaries to be available to all users on the administrator's system?

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- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Answer: /USR/LOCAL/BIN,/USR/LOCAL/BIN/

**QUESTION 55**

CORRECT TEXT

An administrator wants to display all currently mounted file systems. Which command would be used? (Please enter only a single command without arguments or options).

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Answer: /BIN/DF,/BIN/MOUNT,DF,MOUNT

**QUESTION 56**

CORRECT TEXT

Upon booting a Linux box, an administrator notices a message scrolling by that does not look right, but it goes by so fast, the administrator does not have a chance to read it. What command could the administrator use to view that message after the boot process completes? (Please enter only a single command and do not enter duplicate answers in this field.)

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Answer: /BIN/DMESG,DMESG

**QUESTION 57**

CORRECT TEXT

What option, when passed to the yum command, will update the entire system? (Specify ONLY the option name with no additional parameters).

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Answer: UPDATE

**QUESTION 58**

CORRECT TEXT

What command will print the shared libraries for the file /usr/lib/libpng12.so? (Provide the full command with library name but without any other options or parameters).

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Answer: /USR/BIN/LDD/USR/LIB/LIBPNG12.SO,LDD/USR/LIB/LIBPNG12.SO

**QUESTION 59**

CORRECT TEXT

What umask value will result in the default access permissions of 600 (rw-----) for files and 700 (rwx-----) for directories? (Provide only the numerical umask value).

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- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 60**

In order to append the output of ls to a file called bazz, which of the following command lines would an administrator use?

- A. ls > bazz
- B. ls >& bazz
- C. ls &> bazz
- D. ls >> bazz

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 61**

After modifying LILO's configuration file, which of the following commands should be run for the changes to take effect?

- A. kill -HUP `pidof lilo`
- B. lilo-install
- C. lilo
- D. reboot

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 62**

CORRECT TEXT

An administrator is formatting a single hard disk for a Linux install. What is the maximum number of primary partitions that can be created?

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:****QUESTION 63**

Which of the following keys should an administrator press to switch to normal mode in vi?

- A. Alt
- B. Esc
- C. Ctrl
- D. Shift

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 64**

Which of the following commands will print line numbers before each line in a file?

- A. ln
- B. nl
- C. cat -e
- D. numline

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 65**

Which of the following does the command mount -a do?

- A. It mounts the floppy disk for all users.
- B. It shows all mounted file systems.
- C. It opens /etc/fstab to edit.
- D. It mounts all file systems listed in /etc/fstab.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 66**

How can an administrator update a package only if an earlier version is currently installed on the system?

- A. rpm --update rpmname
- B. rpm -U rpmname
- C. rpm -F rpmname
- D. rpm --force rpmname
- E. rpm -u rpmname

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 67**

Which of the following commands will show the contents of a gzip compressed tar archive?

- A. gzip archive.tgz | tar xvf -
- B. tar ztf archive.tgz
- C. gzip -d archive.tgz | tar tvf -
- D. tar cf archive.tgz

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

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**QUESTION 68**

Which of the following commands can be used to instruct the init process to switch runlevels? (Select TWO).

- A. telinit
- B. initctl
- C. init
- D. reinit
- E. runlevel

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 69**

All of the following commands will execute the bash script /usr/local/bin/runme.sh EXCEPT:

- A. source /usr/local/bin/runme.sh
- B. . /usr/local/bin/runme.sh
- C. /bin/bash /usr/local/bin/runme.sh
- D. /usr/local/bin/runme.sh
- E. run /usr/local/bin/runme.sh

**Correct Answer:** E

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 70**

An administrator is experimenting with a binary in /tmp/foo.d that expects its configuration file at

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/etc/foo.conf. The administrator does not want to save it there, but use a symbolic link to /tmp/foo.d/foo.conf instead. Which of the following commands would accomplish this?

- A. ln -s /tmp/foo.d/foo.conf /etc/foo.conf
- B. ln /tmp/foo.d/foo.conf /etc/foo.conf
- C. ln -s /etc/foo.conf /tmp/foo.d/foo.conf
- D. ln /etc/foo.conf /tmp/foo.d/foo.conf

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 71**

The message "Hard Disk Error" is displayed on the screen during Stage 1 of the GRUB boot process. Which of the following does this indicate?

- A. The kernel was unable to execute /bin/init
- B. The next Stage cannot be read from the hard disk because GRUB was unable to determine the size and geometry of the disk
- C. One or more of the filesystems on the hard disk has errors and a filesystem check should be run
- D. The BIOS was unable to read the necessary data from the Master Boot Record to begin the boot process

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 72**

Which of the following commands is run LAST during boot on a system with quotas enabled?

- A. fsck
- B. mount
- C. quotacheck
- D. quotaon

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

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**QUESTION 73**

CORRECT TEXT

To change the priority of a running process, an administrator should use the \_\_\_\_ command.  
(Specify command only with no options.)

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Answer: /USR/BIN/RENICE,RENICE

**QUESTION 74**

Which of the following commands will send output from the program myapp to both standard output (stdout) and the file file1.log?



- A. `cat < myapp | cat > file1.log`
- B. `myapp 0>&1 | cat > file1.log`
- C. `myapp | cat > file1.log`
- D. `myapp | tee file1.log`
- E. `tee myapp file1.log`

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 75

An administrator is having some trouble with a disk partition and needs to do maintenance on this partition. The administrator's users home directories are on it and several are logged in. Which of the following commands would disconnect the users and allow the administrator to safely execute maintenance tasks?

- A. `telinit 1`
- B. `shutdown -r now`
- C. `killall -9 inetd`
- D. `/bin/netstop --maint`
- E. `/etc/rc.d/init.d/network stop`

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 76

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Bob accidentally created the subdirectory `\bobsdir` in his home directory. He tried to remove the subdirectory with the command `rmdir \bobsfile` only to receive the error, "No such file or directory." . Which of the following commands will remove the directory?

- A. `rmdir '~bob/\bobsdir'`
- B. `rmdir "~bob/\bobsdir"`
- C. `rmdir ~bob/'\bobsdir'`
- D. `rmdir ~bob/\bobsdir`
- E. `rmdir ~bob/\\bobsdir`

**Correct Answer:** E

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 77

Which of the following commands will uninstall a package but leave its configuration files in case a package is re-installed?

- A. None, no command will do this.

- B. dpkg -s pkgname
- C. dpkg -L pkgname
- D. dpkg -P pkgname
- E. dpkg -r pkgname

**Correct Answer:** E

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

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#### QUESTION 78

Which of the following command line redirection characters instructs the shell to read from the current input source until a specific word, on a separate line and without and trailing spaces, is reached?

- A. <<
- B. <|
- C. !<
- D. &<<

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 79

CORRECT TEXT

An administrator has downloaded an image file of a boot floppy disk to a hard drive. What is the BEST utility to create a boot floppy from the disk image? (Specify a single command without options.)

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Answer: /BIN/DD,DD

#### QUESTION 80

In bash, inserting 1>&2 after a command redirects:

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- A. standard error to standard input.
- B. standard input to standard error.

- C. standard output to standard error.
- D. standard error to standard output.
- E. standard output to standard input.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 81**

CORRECT TEXT

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

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Answer: KILLALL-SSIGUSR1APACHE2,KILLALL-SUSR1APACHE2,KILLALL- SIGUSR1APACHE2,KILLALL-USR1APACHE2

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#### **QUESTION 82**

Select the line that BEST represents what permissions the /etc/passwd file should have.

- A. -rw----- 1 root root 531 Jun 5 22:45 /etc/passwd
- B. -rw-r--r-- 1 root root 531 Jun 5 22:45 /etc/passwd
- C. -rw-r--r-- 1 1 1 531 Jun 5 22:45 /etc/passwd
- D. All answers listed are not correct.
- E. All answers listed are correct.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

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