

Comptia LX0-101 Exam Questions & Answers

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Comptia LX0-101 Exam Questions & Answers

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

Passguide

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

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

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)?



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- 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
CORRECT TEXT

An administrator has sent their current vi process with a PID of 1423 to the background on the command line. Assuming no other processes are in the background, what single command with no options or parameters will bring the vi process to the foreground?

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

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

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 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 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

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 20

In the command `foo < bar | foobar`, which of the following statements is correct?

- A. The stdout from the command `foobar` is saved to the file `foo`.
- B. The stdout from the command `foo` is saved to the file `foobar`.
- C. The command `foobar` receives its stdin from the stderr of `foo`.
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- D. The command `foobar` receives its stdin from the stdout of `foo`.
- E. The command `bar` receives its stdin from the contents of the file `foobar`.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 21

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 22

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 23

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 24

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 25

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 26

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 27

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 28

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 29
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 30
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/quotaon,quotaon

QUESTION 31
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 32

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:



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QUESTION 33

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 34

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 35

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 36

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 37

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 38**

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:

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QUESTION 39

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 40

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 41

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 42

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 43

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 44

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 45

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 46

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 47

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 48

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 49

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 50

In GRUB's configuration file an administrator finds the following line: root (hd1,4) Which of the following is the corresponding device name on a Linux system?

- A. /dev/hda4
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- B. /dev/hda5
- C. /dev/hdb4
- D. /dev/hdb5

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 51
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 52

Which of the following sed commands will replace all instances of the string foo with the string foobar changing the file file1.txt in place?

- A. sed 's/foo/foobar/g' file1.txt
- B. sed 's/foo/foobar/g' file1.txt > file1.txt
- C. sed 's/foo/foobar/g' file1.txt | file1.txt
- D. sed -i 's/foo/foobar/g' file1.txt
- E. sed -i 's/foo/foobar/g' file1.txt > file1.txt

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Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 53
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 54

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 55

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

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

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QUESTION 56

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 57

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 58

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 59

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 60

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



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