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

Certkey

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:

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
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 6
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:

QUESTION 7
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:

QUESTION 8
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?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 9
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 10
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 11
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 12
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 13
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 14
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 15
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 16
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 17
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 18
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 19
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 20
Which of the following is the default process priority when a process is started using the nice command?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 21
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 22
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 23
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 24
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

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Explanation:

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QUESTION 25
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 26
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 27
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 28
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 29
Which of the following configuration files should be modified to disable the ctrl-alt-delete key

combination?

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 30
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 31
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 32
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 33
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 34
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 35

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 36
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 37
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).

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 38

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 39
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 40
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 41
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

QUESTION 42
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 43
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 44
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 45
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 46
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 47
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 48

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 49
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