SelfTestEngine.LX0-101_119.qa

Number: LX0-101
Passing Score: 800
Time Limit: 120 min
File Version: 24.05

I have correct many of questions answers. If there is any more then update this vce and re-upload.

I have solved " Stream read error " problem in VCE player .

This VCE alone will guarantee you a pass.

Still valid.All questions are different than any vce.

So far this dump seems pretty valid. thanks all.

Exam A

QUESTION 1
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:

QUESTION 2
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

Real 13
CompTIA LX0-101 Exam
recognize vi keystrokes after login?

A. history -p vi

B. alias emacs=vi

C. HISTCMD=vi

D. set -o vi

E. unset emacs

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3
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:

QUESTION 4
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:

QUESTION 5
Real 14
CompTIA LX0-101 Exam
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:
answer is corrected.

QUESTION 6
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 7
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:

QUESTION 8
For which of the following can the tee command be used?

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 9
In bash, inserting 1>&2 after a command redirects:

Real 16
CompTIA LX0-101 Exam

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 10
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 11
Which of the following commands will create an ext3 filesystem on /dev/hda2?

A. /sbin/mke2fs -d /dev/hda2
B. /sbin/mke2fs -j /dev/hda2
C. /sbin/mke2fs -m 3 /dev/hda2
D. /sbin/mke2fs -c ext3 /dev/hda2

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 12
Real 17
CompTIA LX0-101 Exam
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 13
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 -Kl /etc/exports

D. rpm -qp /etc/exports

E. rpm -qi /etc/exports

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 14
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:
answer is verified.

QUESTION 15
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 16
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
   Real 19
   CompTIA LX0-101 Exam

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:

QUESTION 17
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 18
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:

QUESTION 19
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 20
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 21
Which of the following utilities would an administrator use to change how often a filesystem check was performed over an EXT2 filesystem (without losing any data stored on that filesystem)?

A. mod2fs
B. fsck
C. tune2fs
   Real 21
   CompTIA LX0-101 Exam
D. mke2fs
E. fixe2fs

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 22
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 23
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 24
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 25
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 26
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:
answer is modified.

QUESTION 27
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 28
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 29
Which of the following would be accomplished if the below line is run as root? chown -R bert /home/bert/*

A. Nothing, this command is invalid.
B. It would revoke bert's ownership from the home directory to root.
C. It would change user ownership of all files in /home/bert to bert.
D. It would set the group ownership of the directory /home/bert to bert.
E. It would set ownership of all files and subdirectories in /home/bert to bert.

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 30
In GRUB's configuration file an administrator finds the following line: root (hd1,4) Which of the

Real 25
CompTIA LX0-101 Exam
following is the corresponding device name on a Linux system?

A. /dev/hda4

B. /dev/hda5

C. /dev/hdb4

D. /dev/hdb5

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 31
An administrator wants to preview where the package file, apache-xml.i386.rpm, will install its files before installing it. Which of the following commands should the administrator issue?

A. rpm -qp apache-xml.i386.rpm

B. rpm -qv apache-xml.i386.rpm

C. rpm -ql apache-xml.i386.rpm

D. rpm -qpl apache-xml.i386.rpm

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 32
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 33
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 34
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
   Real 27
   CompTIA LX0-101 Exam
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 35
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 36
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 37

To ensure that a running process continue to execute after you log out, the process should be started with which of the following commands?

A. nohup
B. fg
C. live
D. sh

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 38
The system is having trouble and the engineer wants to bypass the usual /sbin/init start up and run /bin/sh. Which of the following is the usual way to pass this change to the kernel from the boot loader?

A. Start in runlevel 1.
B. Pass init=/bin/sh on the kernel parameter line.
C. Pass /bin/sh on the kernel parameter line.
D. Pass start=/bin/sh on the kernel parameter line.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
answer is updated.

QUESTION 39
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

QUESTION 40
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: E

QUESTION 41
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

QUESTION 42
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 43
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:

Real 31
CompTIA LX0-101 Exam

QUESTION 44
An administrator is experimenting with a binary in /tmp/foo.d that expects its configuration file at /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 45
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 46
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:
Real 32
CompTIA LX0-101 Exam

Explanation:

QUESTION 47
An administrator has read/write permissions on an ordinary file foo. The administrator has just run In foo bar. Which of the following would occur if the administrator ran rm foo?

A. foo and bar would both be removed.
B. foo would be removed while bar would remain accessible.
C. foo would be removed. bar would still exist but would be unusable.
D. Both foo and bar would remain accessible.
E. The administrator would be asked whether bar should be removed.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 48
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

QUESTION 49
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 50
Which of the following is the purpose of the Bash built-in export command?

A. To allow disks to be mounted remotely.
B. To run a command as a process in a sub-shell.
C. To make the command history available to sub-shells.
D. To setup environment variables for applications.
E. To share NFS partitions for use by other systems on the network.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 51
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:

QUESTION 52
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 53
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 54
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
   Real 35
   CompTIA LX0-101 Exam
E. dpkg -r pkgname

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 55
How does an administrator get a list of files that have been installed from a dpkg package?

A. dpkg -l pkgname
B. dpkg -C pkgname
C. dpkg -s pkgname
D. dpkg -S pkgname
E. dpkg -L pkgname

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 56
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 57
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 58
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 59
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:
answer is well explained.

QUESTION 60
What command with all options and/or parameters will send the signal USR1 to any executing
process of program apache2?

Correct Answer: killall -s SIGUSR1 apache2, killall -s USR1 apache2,killall -SIGUSR1 apache2,killall - USR1 apache2
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61
The system configuration file named _____ is commonly used to set the default runlevel.
(Please provide the fill name with full path information).

Correct Answer: /etc/inittab
Section: (none)
Explanation

Explanation/Reference:

QUESTION 62
In which directory must definition files be placed to add additional repositories to yum?

Correct Answer: /etc/yum.repos.d,/etc/yum.repos.d/,yum.repos.d,yum.repos.d/
Section: (none)
Explanation

Explanation/Reference:

QUESTION 63
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?

Correct Answer: %1,fg fg is a job control command in Unix and Unix-like operating systems that resumes execution of a suspended process by bringing it to the
foreground and thus redirecting its standard input and output streams to the user's terminal.
Section: (none)
Explanation

Explanation/Reference:

QUESTION 64
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.)

Correct Answer: /bin/dmesg,dmesg
Section: (none)
Explanation

Explanation/Reference:

QUESTION 65
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.)

Correct Answer: /var/log/kern.log,/var/log/messages,kern.log,messages
Section: (none)
Explanation

Explanation/Reference:

QUESTION 66
What file in the /proc filesystem lists parameters passed from the bootloader to the kernel?
(Please enter only a single command and do not enter duplicate answers in this field.)

Correct Answer: /proc/cmdline,cmdline
Section: (none)
Explanation

Explanation/Reference:

QUESTION 67
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.)

Correct Answer: /usr/bin/hexdump,/usr/bin/od,hexdump,od

Explanation/Reference:

QUESTION 68
What option, when passed to the yum command, will update the entire system? (Specify ONLY the option name with no additional parameters).

Correct Answer: update

Explanation/Reference:

QUESTION 69
What is the name of the main configuration file for GRUB? (Please specify the file name with no path information).

Correct Answer: grub.cfg,grub.conf,menu.lst

Explanation/Reference:

QUESTION 70
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).

Correct Answer: /custom-grub/boot/grub,/custom-grub/boot/grub/

Explanation/Reference:

QUESTION 71

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

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Correct Answer: reconfigure
Section: (none)
Explanation

Explanation/Reference:

QUESTION 72
Which command is used to enable disk quotas on a particular filesystem? (Provide only the command, with no options or parameters)

Correct Answer: /sbin/quotaon,quotaon
Section: (none)
Explanation

Explanation/Reference:

QUESTION 73
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.)

Correct Answer: /bin/dd,dd
Section: (none)
Explanation

Explanation/Reference:

QUESTION 74
The /etc/_____ file lists currently mounted devices.

Correct Answer: mtab
Section: (none)
Explanation

Explanation/Reference:
up-to-date answer.

QUESTION 75
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.

Correct Answer: /tmp,tmp
Section: (none)
Explanation

Explanation/Reference:

QUESTION 76
The priority of any process can range from -20 to _____. (Provide only the numerical value).

Correct Answer: +19,19
Section: (none)
Explanation

Explanation/Reference:

QUESTION 77
_____ /dev/sda3 will create a swap area on the device /dev/sda3.

Correct Answer: /sbin/mkswap,mkswap
Section: (none)
Explanation

Explanation/Reference:

QUESTION 78
The USB device filesystem can be found under /proc/_____/usb/. (Please fill in the blank with the single word only).

Correct Answer: bus
Section: (none)
Explanation

Explanation/Reference:

QUESTION 79
The priority of any process can range from -20 to _____. (Provide only the numerical value).

Correct Answer: +19,19
Section: (none)
Explanation

Explanation/Reference:

QUESTION 80
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?

Correct Answer: /usr/local/bin,/usr/local/bin/
Section: (none)
Explanation

Explanation/Reference:

QUESTION 81
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).

Correct Answer: /bin/df,/bin/mount,df,mount
Section: (none)
Explanation

Explanation/Reference:

QUESTION 82
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.)

Correct Answer: /bin/dmesg,dmesg
Section: (none)
Explanation

Explanation/Reference:

QUESTION 83
What option, when passed to the yum command, will update the entire system? (Specify ONLY the option name with no additional parameters).

Correct Answer: update
Section: (none)
Explanation

Explanation/Reference:

QUESTION 84
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).

Correct Answer: /usr/bin/ldd/usr/lib/libpng12.so,ldd/usr/lib/libpng12.so
Section: (none)
Explanation

Explanation/Reference:

QUESTION 85
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).

Correct Answer: 0077,077
Section: (none)
Explanation

Explanation/Reference:

QUESTION 86
An administrator is formatting a single hard disk for a Linux install. What is the maximum number
of primary partitions that can be created?

Correct Answer: 4,four
Section: (none)
Explanation

Explanation/Reference:

QUESTION 87
Which program finds only files that are in an administrator's PATH?

Correct Answer: /usr/bin/which,which
Section: (none)
Explanation

Explanation/Reference:

QUESTION 88
Which command will disable paging and swapping on a device? (Provide only the command with
no additional options or parameters).

Correct Answer: /sbin/swapoff,swapoff
Section: (none)
Explanation

Explanation/Reference:

QUESTION 89
An administrator suspects that a new Ethernet card might be conflicting with another device.
Which file should the administrator check within the /proc tree to learn which IRQs are being used
by which kernel drivers? (Please enter only a single command and do not enter duplicate answers
in this field.)

Correct Answer: /proc/interrupts,interrupts
Section: (none)
Explanation

Explanation/Reference:

QUESTION 90
To change the priority of a running process, an administrator should use the _____ command.
(Specify command only with no options.)

Correct Answer: /usr/bin/renice,renice
Section: (none)
Explanation

Explanation/Reference:

QUESTION 91
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.)

Correct Answer: /bin/dd,dd
Section: (none)
Explanation

Explanation/Reference:

QUESTION 92
In the vi editor, what vi command will copy (but not paste) from the current line at the cursor and
the following 16 lines (17 lines total)? Enter the correct vi command without spaces. (Please enter
only a single answer.)

Correct Answer: 17y,17y,17yy,17yy
Section: (none)
Explanation

Explanation/Reference:

QUESTION 93
What command with all options and/or parameters will send the signal USR1 to any executing
process of program apache2?

Correct Answer: killall -s SIGUSR1 apache2, killall -s USR1 apache2,killall -SIGUSR1 apache2,killall - USR1 apache2
Section: (none)
Explanation

Explanation/Reference:
well defined.

QUESTION 94
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 95
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 96
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:

QUESTION 97
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 98
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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 99
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
   Real 3
   CompTIA LX0-101 Exam

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 100
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 101
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
    Real 4
    CompTIA LX0-101 Exam

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 102
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 103
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:
modified.

QUESTION 104
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.

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 105
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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 106
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:

QUESTION 107
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 108
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 109
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 110
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 111
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 112
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 113
An administrator wants the default permissions for their files to be -rw-r-----. How must the administrator set umask?

A. 037

B. 640
    Real 10
    CompTIA LX0-101 Exam

C. 038

D. 027

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 114
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 115
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 116
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.

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 117
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 118
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 119
Real 12
CompTIA LX0-101 Exam
Which of the following commands will change all CR-LF pairs in an imported text file, userlist.txt, to Linux standard LF characters and store it as newlist.txt?

A. tr '\r\n' '' < userlist.txt > newlist.txt

B. tr -c '\n\r' '' < newlist.txt > userlist.txt

C. tr -d '\r' < userlist.txt > newlist.txt

D. tr '\r' '\n' userlist.txt newlist.txt

E. tr -s '^M' '^J' userlist.txt newlist.txt

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation: