

LX0-103.exam.68q

Number: LX0-103
Passing Score: 800
Time Limit: 120 min

LX0-103

CompTIA Linux+ [Powered by LPI] Exam 1

Sections

1. SysArchitec
2. InstallPack
3. GNUUnix
4. DevFileHier

Exam A

QUESTION 1

Which of the following commands reboots the system when using SysV init? (Choose TWO correct answers.)

- A. shutdown -r now
- B. shutdown -r "rebooting"
- C. telinit 6
- D. telinit 0
- E. shutdown -k now "rebooting"

Correct Answer: AC

Section: SysArchitec

Explanation

Explanation/Reference:

QUESTION 2

Which of the following are init systems used within Linux systems? (Choose THREE correct answers.)

- A. startd
- B. systemd
- C. Upstart
- D. SysInit
- E. SysV init

Correct Answer: BCE

Section: SysArchitec

Explanation

Explanation/Reference:

QUESTION 3

Which of the following environment variables overrides or extends the list of directories holding 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: InstallPack

Explanation

Explanation/Reference:

QUESTION 4

Which RPM command will output the name of the package which supplied 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: InstallPack
Explanation

Explanation/Reference:

QUESTION 5

When removing a package, which of the following dpkg options will completely remove the files including configuration files?

- A. --clean
- B. --delete
- C. --purge
- D. --remove

Correct Answer: C
Section: InstallPack
Explanation

Explanation/Reference:

QUESTION 6

Which file 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: InstallPack
Explanation

Explanation/Reference:

QUESTION 7

Which of the following commands overwrites the bootloader located on /dev/sda without overwriting the partition table or any data following it?

- A. dd if=/dev/zero of=/dev/sda bs=512
- B. dd if=/dev/zero of=/dev/sda bs=512 count=1
- C. dd if=/dev/zero of=/dev/sda bs=440 count=1
- D. dd if=/dev/zero of=/dev/sda bs=440

Correct Answer: C
Section: InstallPack
Explanation

Explanation/Reference:

QUESTION 8

After modifying GNU GRUB's configuration file, which command must be run for the changes to take effect?

- A. kill -HUP \$(pidof grub)
- B. grub-install
- C. grub
- D. No action is required

Correct Answer: D

Section: InstallPack

Explanation

Explanation/Reference:

QUESTION 9

Which of the following commands is used to update the list of available packages when using dpkg based package management?

- A. apt-get update
- B. apt-get upgrade
- C. apt-cache update
- D. apt-get refresh
- E. apt-cache upgrade

Correct Answer: A

Section: InstallPack

Explanation

Explanation/Reference:

QUESTION 10

Which of the following commands lists the dependencies of a given dpkg package?

- A. apt-cache depends-on package
- B. apt-cache dependencies package
- C. apt-cache depends package
- D. apt-cache requires package

Correct Answer: C

Section: InstallPack

Explanation

Explanation/Reference:

QUESTION 11

Which of the following options is used in a GRUB Legacy configuration file to define the amount of time that the GRUB menu will be shown to the user?

- A. hidemenu

- B. splash
- C. timeout
- D. showmenu

Correct Answer: C
Section: InstallPack
Explanation

Explanation/Reference:

QUESTION 12

What can the Logical Volume Manager (LVM) be used for? (Choose THREE correct answers.)

- A. To create RAID 9 arrays.
- B. To dynamically change the size of logical volumes.
- C. To encrypt logical volumes.
- D. To create snapshots.
- E. To dynamically create or delete logical volumes.

Correct Answer: BDE
Section: InstallPack
Explanation

Explanation/Reference:

QUESTION 13

Which of the following commands updates the linker cache of shared libraries?

- A. mkcache
- B. soconfig
- C. mkldconfig
- D. lddconfig
- E. ldconfig

Correct Answer: E
Section: InstallPack
Explanation

Explanation/Reference:

QUESTION 14

Which of the following commands can be used to download the RPM package kernel without installing it?

- A. yum download --no-install kernel
- B. yumdownloader kernel
- C. rpm --download --package kernel
- D. rpmdownload kernel

Correct Answer: B
Section: InstallPack
Explanation

Explanation/Reference:

QUESTION 15

When using rpm --verify to check files created during the installation of RPM packages, which of the following information is taken into consideration? (Choose THREE correct answers.)

- A. Timestamps
- B. MD5 checksums
- C. Inodes
- D. File sizes
- E. GnuPG signatures

Correct Answer: ABD

Section: InstallPack

Explanation

Explanation/Reference:

QUESTION 16

Which of the following is correct when talking about mount points?

- A. Every existing directory can be used as a mount point.
- B. Only empty directories can be used as a mount point.
- C. Directories need to have the SetUID flag set to be used as a mount point.
- D. Files within a directory are deleted when the directory is used as a mount point.

Correct Answer: A

Section: InstallPack

Explanation

Explanation/Reference:

QUESTION 17

Which function key is used to start Safe Mode in Windows NT?

- A. F10
- B. F8
- C. F6
- D. Windows NT does not support Safe Mode

Correct Answer: D

Section: InstallPack

Explanation

Explanation/Reference:

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.

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

Correct Answer: C
Section: GNUUnix
Explanation

Explanation/Reference:

QUESTION 19

What command will generate a list of user names from /etc/passwd along with their login shell?

- A. column -s : 1,7 /etc/passwd
- B. chop -c 1,7 /etc/passwd
- C. colrm 1,7 /etc/passwd
- D. cut -d: -f1,7 /etc/passwd

Correct Answer: D
Section: GNUUnix
Explanation

Explanation/Reference:

QUESTION 20

In a nested directory structure, which find command line option would be used to restrict the command to searching down a particular number of subdirectories?

- A. -dirmax
- B. -maxdepth
- C. -maxlevels
- D. -n
- E. -s

Correct Answer: B
Section: GNUUnix
Explanation

Explanation/Reference:

QUESTION 21

Which of the following statements is correct regarding the command `foo 1 > bar`?

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

Correct Answer: B
Section: GNUUnix
Explanation

Explanation/Reference:

QUESTION 22

Which of the following commands kills the process with the PID 123 but allows the process to "clean up" before exiting?

- A. kill -PIPE 123
- B. kill -KILL 123
- C. kill -STOP 123
- D. kill -TERM 123

Correct Answer: D

Section: GNUUnix

Explanation

Explanation/Reference:

QUESTION 23

What is the maximum niceness value that a regular user can assign to a process with the nice command when executing a new process?

- A. 9
- B. 19
- C. 49
- D. 99

Correct Answer: B

Section: GNUUnix

Explanation

Explanation/Reference:

QUESTION 24

Immediately after deleting 3 lines of text in vi and moving the cursor to a different line, which single character command will insert the deleted content below the current line?

- A. i (lowercase)
- B. P (uppercase)
- C. p (lowercase)
- D. U (uppercase)
- E. u (lowercase)

Correct Answer: C

Section: GNUUnix

Explanation

Explanation/Reference:

QUESTION 25

A user accidentally created the subdirectory \dir in his home directory. Which of the following commands will remove that directory?

- A. rmdir '~\dir'

- B. `rmdir "~/dir"`
- C. `rmdir ~/dir`
- D. `rmdir ~/dir`
- E. `rmdir ~\dir`

Correct Answer: E
Section: GNUUnix
Explanation

Explanation/Reference:

QUESTION 26

In compliance with the FHS, in which of the directories are man pages found?

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

Correct Answer: A
Section: GNUUnix
Explanation

Explanation/Reference:

QUESTION 27

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: GNUUnix
Explanation

Explanation/Reference:

QUESTION 28

Which of the following commands will NOT update the modify timestamp on the file `/tmp/myfile.txt`?

- 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: GNUUnix
Explanation

Explanation/Reference:

QUESTION 29

What is the default nice level when a process is started using the nice command?

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

Correct Answer: B
Section: GNUUnix
Explanation

Explanation/Reference:

QUESTION 30

What is the default action of the split command on an input file?

- A. It will break the file into new files of 1,024 byte pieces each.
- B. It will break the file into new files of 1,000 line pieces each.
- C. It will break the file into new files of 1,024 kilobyte pieces each.
- D. It will break the file into new files that are no more than 5% of the size of the original file.

Correct Answer: B
Section: GNUUnix
Explanation

Explanation/Reference:

QUESTION 31

What is the difference between the i and a commands of the vi editor?

- A. i (interactive) requires the user to explicitly switch between vi modes whereas a (automatic) switches modes automatically.
- B. i (insert) inserts text before the current cursor position whereas a (append) inserts text after the cursor.
- C. i (independent rows) starts every new line at the first character whereas a (aligned rows) keeps the indentation of the previous line.
- D. i (interrupt) temporarily suspends editing of a file to the background whereas a (abort) terminates editing.

Correct Answer: B
Section: GNUUnix
Explanation

Explanation/Reference:

QUESTION 32

SIMULATION

Which command displays a list of all background tasks running in the current shell? (Specify ONLY the command without any path or parameters.)