



LPI Level 1

LPI Level 1 Exam 101(with rpm)

Q&A Demo

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1. What command line redirection characters instruct 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. &<

Answer: A

2. 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`

Answer: C

3. Where can lilo place boot information?

- A. The boot ROM
- B. The boot RAM
- C. The /boot partition
- D. The MBR on a hard drive

Answer: D

4. What command 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`

Answer: A

5. User Joseph has successfully extracted and compiled a program from source code. Installing the binaries produces errors. What is the most likely reason?

- A. The source code was compiled for a different CPU.
- B. The permissions set in the /usr/bin directory are wrong.
- C. The binaries require root privileges to be installed.
- D. The wrong prefix was used during configuration of the source code.

Answer: C

6. How can you turn off the group quota in /pub

- A. quotaoff /pub
- B. quotaoff -gv /pub
- C. quotadown /pub
- D. rm /pub/quota.group

Answer: B

7. The \_\_\_\_\_ partition is used for virtual memory.

Answer: swap

8. When reading man pages, a lot of extra characters are shown on screen. Which of the following commands can help to deal with this problem?

- A. col
- B. grep
- C. more
- D. pg
- E. row

Answer: A

9. In GRUB's configuration file you find the line `root (hd1,4)` What is corresponding device name on a Linux system?

- A. /dev/hda4
- B. /dev/hda5

C. /dev/hdb4

D. /dev/hdb5

Answer: D

10. You logged in as user tux1, but now you want to switch users to tux2 with tux2's environment. How would you do this?

A. su tux2

B. su e tux2

C. su tux2

D. su m tux2

E. su f tux2

Answer: C

11. You have read/write permission on an ordinary file foo. You have just run ln foo bar. What would happen if you 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. You would be asked whether bar should be removed.

Answer: B

12. You enter the command date +%M. What does the output show you?

A. the current year

B. the current month

C. the current hour

D. the current minute

E. the current second

Answer: D

13. The command echo \$! will produce what output?

- A. the process id of last background command
- B. the exit status of the last command
- C. the exit status of the last background command
- D. the process id of the current shell
- E. the name of the command being executed

Answer: A

14. What command can put suspended jobs into the background?

Answer: bg

15. You wish to kill a process with a PID of 123. Select the command which 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

Answer: C

16. While using the vi editor, you wish to move ahead one page. You should press the control key and:

- A. A
- B. D
- C. F
- D. U

Answer: C

17. The command `mkfs -t ext3 -T largefile /dev/hdb1` creates what size of inode?

- A. 4 kilobyte
- B. 1 megabyte
- C. 2 megabyte
- D. 4 megabyte

Answer: B

18. According to the File System Hierarchy Standard, the lost+found directory is used for:

- A. files with unknown owners.
- B. missing device files found by /proc.
- C. unknown binary files found by find.
- D. unlinked files found by fsck.

Answer: D

19. You are formatting a single hard disk for a Linux install. What is the maximum number of primary partitions you can create?

Answer: 4 or four

20. In order to save and restore your sound card's configuration between sessions, the ALSA sound system uses what program?

- A. setalsa
- B. setsound
- C. soundctl
- D. alsactl
- E. alsaset

Answer: D