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LPIC-1 Exam 101, Part 1 of 2, version 5.0

LPI 101-500

Version Demo

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Topic Break Down

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Topic 1, System Architecture	22
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QUESTION NO: 1

What does the command `mount --bind` do?

- A. It makes the contents of one directory available in another directory
- B. It mounts all available filesystems to the current directory
- C. It mounts all user mountable filesystems to the user's home directory
- D. It mounts all file systems listed in `/etc/fstab` which have the option `userbind` set
- E. It permanently mounts a regular file to a directory

ANSWER: A

QUESTION NO: 2

Which of the following files exist in a standard GRUB 2 installation? (Choose two.)

- A. `/boot/grub/stages/stage0`
- B. `/boot/grub/i386-pc/1vm.mod`
- C. `/boot/grub/fstab`
- D. `/boot/grub/grub.cfg`
- E. `/boot/grub/linux/vmlinuz`

ANSWER: B D

QUESTION NO: 3

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

ANSWER: D

QUESTION NO: 4

Which of the following Linux filesystems preallocates a fixed number of inodes at the filesystem's make/creation time and does NOT generate them as needed? (Choose TWO correct answers.)

- A. ext3
- B. JFS
- C. ext2
- D. XFS
- E. procfs

ANSWER: A C

QUESTION NO: 5

Which of the following file permissions belong to a symbolic link?

- A. -rwxrwxrwx
- B. +rwxrwxrwx
- C. lrwxrwxrwx
- D. srwxrwxrwx

ANSWER: C

QUESTION NO: 6

What happens after issuing the command vi without any additional parameters?

- A. vi starts and loads the last file used and moves the cursor to the position where vi was when it last exited.

- B. vi starts and requires the user to explicitly either create a new or load an existing file.
- C. vi exits with an error message as it cannot be invoked without a file name to operate on.
- D. vi starts in command mode and opens a new empty file.
- E. vi starts and opens a new file which is filled with the content of the vi buffer if the buffer contains text.

ANSWER: D

QUESTION NO: 7

From a Bash shell, which of the following commands directly executes the instruction from the file `/usr/local/bin/runme.sh` without starting a subshell? (Please select TWO answers.)

- 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`

ANSWER: A B

QUESTION NO: 8

Which of the following commands changes all CR-LF line breaks in the text file `userlist.txt` to Linux standard LF line breaks and stores the result in `newlist.txt`?

- A. `tr -d '\r' < userlist.txt > newlist.txt`
- B. `tr -c '\n\r' " userlist.txt`
- C. `tr '\r\n' " newlist.txt`
- D. `tr '\r' '\n' userlist.txt newlist.txt`
- E. `tr -s '/^M/^J/' userlist.txt newlist.txt`

ANSWER: A

QUESTION NO: 9

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

ANSWER: C

QUESTION NO: 10

A user accidentally created the subdirectory `ldir` 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`

ANSWER: E

QUESTION NO: 11

Which of the following commands can be used to determine how long the system has been running? (Choose TWO correct answers.)

- A. `uptime`
- B. `up`
- C. `top`
- D. `uname -u`

E. time -up

ANSWER: A C

QUESTION NO: 12

Which of the following commands are common Linux commands for file management? (Choose three correct answers.)

- A. copy
- B. mv
- C. move
- D. cp
- E. mkdir

ANSWER: B D E

QUESTION NO: 13

What information can the lspci command display about the system hardware? (Choose THREE correct answers.)

- A. Device IRQ settings
- B. PCI bus speed
- C. System battery type
- D. Device vendor identification
- E. Ethernet MAC address

ANSWER: A B D

QUESTION NO: 14

Which wildcards will match the following filenames? (Choose two.)

ttyS0 ttyS1 ttyS2

- A. ttyS[1-5]

- B. tty?[0-5]
- C. tty*2
- D. tty[A-Z][012]
- E. tty[Ss][02]

ANSWER: B D

QUESTION NO: 15

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.

ANSWER: B