

# 101-500<sup>Q&As</sup>

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

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#### **QUESTION 1**

CORRECT TEXT

Which command shows all shared libraries required by a binary executable or another shared library? (Specify ONLY the command without any path or parameters.)

Correct Answer: Idd

#### **QUESTION 2**

How is a symbolic link called bar.conf pointing to foo.conf created?

- A. In foo.conf bar.conf
- B. In foo.conf bar.conf
- C. In bar.conf foo.conf
- D. In bar.conffoo.conf
- Correct Answer: A

#### **QUESTION 3**

Which type of filesystem is created by mkfs when it is executed with the block device name only and without any additional parameters?

| A. ext2           |
|-------------------|
| B. ext3           |
| C. ext4           |
| D. XFS            |
| E. VFAT           |
| Correct Answer: A |

#### **QUESTION 4**

Which of the following are filesystems which can be used on Linux root partitions? (Choose two.)

- A. NTFS
- B. ext3



- C. XFS
- D. VFAT
- E. swap
- Correct Answer: BE

#### **QUESTION 5**

What of the following statements are true regarding /dev/ when using udev? (Choose TWO correct answers.)

- A. Entries for all possible devices get created on boot even if those devices are not connected.
- B. Additional rules for udev can be created by adding them to /etc/udev/rules.d/.
- C. When using udev, it is not possible to create block orcharacter devices in /dev/ using mknod.
- D. The /dev/ directory is a filesystem of type tmpfs and is mounted by udev during system startup.
- E. The content of /dev/ is stored in /etc/udev/dev and is restored during system startup.

#### Correct Answer: BD

#### **QUESTION 6**

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

#### **QUESTION 7**

Which of the following statements describes a difference between GNU GRUB Legacy and GRUB 2?

- A. GRUB 2 no longer requires a configuration file.
- B. Partition numbers start at 0 in GRUB Legacy and 1 in GRUB 2.
- C. grub-mkconfigonly works with GRUB Legacy if the--version 1 option is used.
- D. The configuration filemenu.lst(andgrub.conf) have been replaced withgrub.config.

#### Correct Answer: B



#### **QUESTION 8**

Which of the following commands creates an ext3 filesystem on /dev/sdb1? (Choose TWO correct answers.)

- A. /sbin/mke2fs -j /dev/sdb1
- B. /sbin/mkfs -t ext3 /dev/sdb1
- C. /sbin/mkfs -c ext3 /dev/sdb1
- D. /sbin/mke3fs -j /dev/sdb1

Correct Answer: AB

#### **QUESTION 9**

Which of the following options must be passed to a filesystem\\'s entry in /etc/fstab in order to mount the file system without root privileges?

- A. auto
- B. norestrict
- C. noauto
- D. user
- Correct Answer: D

#### **QUESTION 10**

When using regular expressions, which of the following characters match the beginning of a line?

| A. ^              |  |  |
|-------------------|--|--|
| В. ?              |  |  |
| C. *              |  |  |
| D. +              |  |  |
| E. \$             |  |  |
| Correct Answer: A |  |  |

#### **QUESTION 11**

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

#### **QUESTION 12**

#### CORRECT TEXT

Which program runs a command in specific intervals and refreshes the display of the program\\'s output? (Specify ONLY the command without any path or parameters.)

Correct Answer: watch

#### **QUESTION 13**

Which of the following commands replaces each occurrence of \\'bob\\' in the file letter with \\'Bob\\' and writes the result to the file newletter?

- A. sed \\'/bob/Bob\\' letter > newletter
- B. sed s/bob/Bob/ letter
- 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

#### **QUESTION 14**

Pressing the Ctrl-C combination on the keyboard while a command is executing in the foreground sends which of the following signal codes?

A. 1(SIGHUP)

- B. 2(SIGINT)
- C. 3(SIGQUIT)
- D. 9(SIGKILL)



E. 15(SIGTERM)

Correct Answer: B

#### **QUESTION 15**

Which chown command will change the ownership to dave and the group to staff on a file named data.txt?

- A. chown dave/staff data.txt
- B. chown dave staff data.txt
- C. chown --user dave --group staff data.txt
- D. chown dave:staff data.txt

Correct Answer: D

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