



# LPI

## Exam Questions 010-160

Linux Essentials Certificate Exam - version 1.6

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#### NEW QUESTION 1

What information can be displayed by top?

- A. Existing files, ordered by their size.
- B. Running processes, ordered by CPU or RAM consumption.
- C. User accounts, ordered by the number of logins.
- D. User groups, ordered by the number of members.
- E. User accounts, ordered by the number of files.

**Answer: B**

#### NEW QUESTION 2

What can be found in the /proc/ directory?

- A. One directory per installed program.
- B. One device file per hardware device.
- C. One file per existing user account.
- D. One directory per running process.
- E. One log file per running service.

**Answer: D**

#### NEW QUESTION 3

Which of the following statements regarding Linux hardware drivers is correct?

- A. Drivers are regular Linux programs which have to be run by the user who wants to use a device.
- B. Drivers are not used by Linux because the BIOS handles all access to hardware on behalf of Linux.
- C. Drivers are stored on their devices and are copied by the Linux kernel when a new device is attached.
- D. Drivers are downloaded from the vendor's driver repository when a new device is attached.
- E. Drivers are either compiled into the Linux kernel or are loaded as kernel modules.

**Answer: E**

#### NEW QUESTION 4

What is true about the owner of a file?

- A. Each file is owned by exactly one user and one group.
- B. The owner of a file always has full permissions when accessing the file.
- C. The user owning a file must be a member of the file's group.
- D. When a user is deleted, all files owned by the user disappear.
- E. The owner of a file cannot be changed once it is assigned to an owner.

**Answer: A**

#### NEW QUESTION 5

Which of the following commands finds all lines in the file operating-systems.txt which contain the term linux, regardless of the case?

- A. `igrep linux operating-systems.txt`
- B. `less -i linux operating-systems.txt`
- C. `grep -i linux operating-systems.txt`
- D. `cut linux operating-systems.txt`
- E. `cut [L] [li] [Nn] [Uu] [Xx] operating-systems.txt`

**Answer: C**

#### NEW QUESTION 6

What information is stored in /etc/passwd? (Choose three correct answers.)

- A. The user's storage space limit
- B. The numerical user ID
- C. The username
- D. The encrypted password
- E. The user's default shell

**Answer: BCD**

#### NEW QUESTION 7

Where is the operating system of a Raspberry Pi stored?

- A. On the master device attached to the Raspberry Pi's IDE bus.
- B. On a read only partition on the Raspberry Pi's firmware, next to the BIOS.
- C. On a removable SD card which is put into the Raspberry Pi.
- D. On a Linux extension module connected to the Raspberry Pi's GPIO pins.
- E. On rewritable flash storage which is built into the Raspberry Pi.

**Answer: C**

**NEW QUESTION 8**

Which operator in a regular expression matches the preceding character either zero or one time?

- A. ?
- B. \*
- C. +
- D. %
- E. \$

**Answer: A**

**NEW QUESTION 9**

What is the UID of the user root?

- A. 1
- B. -1
- C. 255
- D. 65536

**Answer: E**

**NEW QUESTION 10**

Which of the following directories contains information, documentation and example configuration files for installed software packages?

- A. /usr/share/doc/
- B. /etc/defaults/
- C. /var/info/
- D. /doc/
- E. /usr/examples/

**Answer: A**

**NEW QUESTION 10**

Which command displays file names only and no additional information?

- A. ls -a
- B. ls -lh
- C. ls -l
- D. ls -alh
- E. ls -nl

**Answer: A**

**NEW QUESTION 12**

Which of the following commands creates the ZIP archive poems.zip containing all files in the current directory whose names end in .txt?

- A. zip \*.txt > poems.zip
- B. zcat \*.txt poems.zip
- C. zip poems.zip \*.txt
- D. zip cfz poems.zip \*.txt
- E. cat \*.txt | zip poems.zip

**Answer: C**

**NEW QUESTION 13**

Which of the following commands sets the variable USERNAME to the value bob?

- A. set USERNAME bob
- B. \$USERNAME==bob
- C. var USERNAME=bob
- D. USERNAME<=bob
- E. USERNAME=bob

**Answer: E**

**NEW QUESTION 16**

Which of the following programs is a graphical editor for vector graphics?

- A. Python
- B. NGINX
- C. Samba
- D. Inkscape
- E. MySQL

**Answer:** D

**NEW QUESTION 17**

Which of the following DNS record types hold an IP address? (Choose two.)

- A. NS
- B. AAAA
- C. MX
- D. A
- E. CNAME

**Answer:** CD

**NEW QUESTION 18**

The ownership of the file doku.odt should be changed. The new owner is named tux. Which command accomplishes this change?

- A. `chmod u=tux doku.odt`
- B. `newuser doku.odt tux`
- C. `chown tux doku.odt`
- D. `transfer tux: doku.odt`
- E. `passwd doku.odt:tux`

**Answer:** C

**NEW QUESTION 23**

Which of the following statements is true about Free Software?

- A. It is developed by volunteers only.
- B. It may be modified by anyone using it.
- C. It must always be available free of charge.
- D. It only runs on Linux.
- E. It is only distributed as a compiled binary.

**Answer:** B

**NEW QUESTION 27**

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