



LPI

Exam Questions 010-160

Linux Essentials Certificate Exam - version 1.6

NEW QUESTION 1

What happens to a file residing outside the home directory when the file owner's account is deleted? (Choose two.)

- A. During a file system check, the file is moved to /lost +found.
- B. The file is removed from the file system.
- C. The UID of the former owner is shown when listing the file's details.
- D. The user root is set as the new owner of the file.
- E. Ownership and permissions of the file remain unchanged.

Answer: CE

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 one of the following statements concerning Linux passwords is true?

- A. All passwords can be decrypted using the system administrator's master password.
- B. Passwords may never start with a non-letter.
- C. Users cannot change their password once it has been set.
- D. Passwords are only stored in hashed form.
- E. Passwords may be at most six characters long.

Answer: D

NEW QUESTION 4

Which command adds the new user tux and creates the user's home directory with default configuration files?

- A. defaultuser tux
- B. useradd -m tux
- C. usercreate tux
- D. useradd -o default tux
- E. passwd -a tux

Answer: B

NEW QUESTION 5

Which of the following commands extracts the contents of the compressed archive file1.tar.gz?

- A. tar -czf file1.tar.gz
- B. ztar file1.tar.gz
- C. tar -xzf file1.tar.gz
- D. tar --extract file1.tar.gz
- E. detar file1.tar.gz

Answer: C

NEW QUESTION 6

What is true about the dmesg command? (Choose two correct answers.)

- A. It traces the execution of a command and shows each step the program carries out.
- B. It sends messages to the command lines of all current user sessions.
- C. It displays the content of the Linux kernel's ring buffer.
- D. It immediately outputs all new messages written to the system journal.
- E. It might not display older information because it was overwritten by newer information.

Answer: CE

NEW QUESTION 7

When typing a long command line at the shell, what single character can be used to split a command across multiple lines?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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NEW QUESTION 8

Which of the following is a protocol used for automatic IP address configuration?

- A. NFS
- B. LDAP
- C. SMTP
- D. DNS
- E. DHCP

Answer: E

NEW QUESTION 9

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 10

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What keyword is used in a shell script to begin a loop? (Specify one keyword only, without any additional information.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

for

NEW QUESTION 10

Which of the following commands can be used to resolve a DNS name to an IP address?

- A. dnsname
- B. dns
- C. query
- D. host
- E. lplookup

Answer: D

NEW QUESTION 12

Which of the following commands creates an archive file work.tar from the contents of the directory ./work/?

- A. tar --new work.tar ./work/
- B. tar -cf work.tar ./work/
- C. tar -create work.tgz -content ./work/
- D. tar work.tar < ./work/
- E. tar work > work.tar

Answer: B

NEW QUESTION 16

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 [Ll] [Ii] [Nn] [Uu] [Xx] operating-systems.txt

Answer: C

NEW QUESTION 21

Which of the following commands will search for the file foo.txt under the directory /home?

- A. search /home -file foo.txt
- B. search /home fo

- C. txt
- D. find /home – file foo.txt
- E. find /home –name foo.txt
- F. find /home foo.txt

Answer: D

NEW QUESTION 25

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 26

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 30

Which package management tool is used in Red Hat-based Linux Systems?

- A. portage
- B. rpm
- C. apt-get
- D. dpkg
- E. packagecl

Answer: B

NEW QUESTION 35

Which of the following tasks can the command passwd accomplish? (Choose two.)

- A. Change a user's username.
- B. Change a user's password.
- C. Create a new user account.
- D. Create a new user group.
- E. Lock a user account.

Answer: CE

NEW QUESTION 37

What is true about a recursive directory listing?

- A. It includes the content of sub-directories.
- B. It includes the permissions of the directory listed.
- C. It includes details of file system internals, such as inodes.
- D. It includes ownership information for the files.
- E. It includes a preview of content for each file in the directory.

Answer: A

NEW QUESTION 42

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 47

Which of the following commands output the content of the file Texts 2.txt? (Choose two.)

- A. cat 'Texts 2.txt'
- B. cat -- Texts 2.txt
- C. cat |Texts 2.txt|
- D. cat 'Texts\ 2.txt'
- E. cat Texts\ 2.txt

Answer: AB

NEW QUESTION 48

Which of the following commands sorts the output of the command export-logs?

- A. export-logs < sort
- B. export-logs > sort
- C. export-logs & sort
- D. export-logs | sort
- E. export-logs <> sort

Answer: D

NEW QUESTION 51

Which of the following permissions are set on the /tmp/ directory?

- A. rwxrwxrwt
- B. -----rwx
- C. rwSrwx-rw
- D. rwxrwS--
- E. r-xr-X--t

Answer: A

NEW QUESTION 52

Which of the following examples shows the general structure of a for loop in a shell script?

- A. for *.txt as file => echo \$file
- B. for *.txt (echo \$i)
- C. for file in *.txt do echo \$i done
- D. for ls *.txt exec {} \;
- E. foreach @{file} { echo \$i }

Answer: C

NEW QUESTION 55

What is the purpose of the PATH environment variable?

- A. It allows the execution of commands without the need to know the location of the executable.
- B. It increases security by preventing commands from running in certain locations.
- C. It specifies the location of a user's home directory.
- D. It indicates the location of the default shell to be used when a user logs in.
- E. It contains the absolute path to the current directory.

Answer: A

NEW QUESTION 60

The current directory contains the following file:

```
-rw-r--r-- 1 root exec 24551 Apr 2 12:36 test.sh
```

The file contains a valid shell script, but executing this file using ./test.sh leads to this error: bash: ./test.sh: Permission denied

What should be done in order to successfully execute the script?

- A. The file's extension should be changed from .sh to .bin.
- B. The execute bit should be set in the file's permissions.
- C. The user executing the script should be added to the exec group.
- D. The SetUID bit should be set in the file's permissions
- E. The script should be run using #!./tes
- F. sh instead of ./test.sh.

Answer: B

NEW QUESTION 65

Which statements about the directory /etc/skel are correct? (Choose two.)

- A. The personal user settings of root are stored in this directory.
- B. The files from the directory are copied to the home directory of the new user when starting the system.
- C. The files from the directory are copied to the home directory of a new user when the account is created.
- D. The directory contains a default set of configuration files used by the useradd command.
- E. The directory contains the global settings for the Linux system.

Answer: CD

NEW QUESTION 68

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