



LPI

Exam Questions 010-160

Linux Essentials Certificate Exam - version 1.6

NEW QUESTION 1

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 2

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 3

Which of the following characters in a shell prompt indicates the shell is running with root privileges?

- A. !
- B. #
- C. *
- D. &
- E. \$

Answer: B

NEW QUESTION 4

What is the preferred source for the installation of new applications in a Linux based operating system?

- A. The vendor's version management system
- B. A CD-ROM disk
- C. The distribution's package repository
- D. The vendor's website
- E. A retail store

Answer: C

NEW QUESTION 5

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 6

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

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

Answer: A

NEW QUESTION 7

What is a Linux distribution?

- A. The Linux file system as seen from the root account after mounting all file systems.
- B. A bundling of the Linux kernel, system utilities and other software.

- C. The set of rules which governs the distribution of Linux kernel source code.
- D. An operating system based on Linux but incompatible to the regular Linux kernel.
- E. A set of changes to Linux which enable Linux to run on another processor architecture.

Answer: B

NEW QUESTION 8

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 9

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 10

What is true about the su command?

- A. It is the default shell of the root account.
- B. It can only be used by the user root.
- C. It runs a shell or command as another user.
- D. It changes the name of the main administrator account.
- E. It locks the root account in specific time frames.

Answer: C

NEW QUESTION 10

Which of the following commands puts the lines of the file data.csv into alphabetical order?

- A. a..z data.csv
- B. sort data.csv
- C. abc data.csv
- D. wc -s data.csv
- E. grep --sort data.csv

Answer: B

NEW QUESTION 14

What command displays manual pages? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

man

NEW QUESTION 19

Which of the following commands shows the absolute path to the current working directory?

- A. who
- B. cd ..
- C. pwd
- D. ls -l
- E. cd ~/home

Answer: C

NEW QUESTION 22

What is the return value of a shell script after successful execution?

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

Answer: B

NEW QUESTION 25

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 28

Which permissions are set on a regular file once the permissions have been modified with the command chmod 654 file.txt?

- A. drw-r-xr-
- B. d---wxr-x-
- C. --wxr-x--x
- D. --rwxrw---x
- E. -rw-r-xr-

Answer: E

NEW QUESTION 33

What is true about links in a Linux file system?

- A. A symbolic link can only point to a file and not to a directory.
- B. A hard link can only point to a directory and never to a file.
- C. When the target of the symbolic link is moved, the link is automatically updated.
- D. A symbolic link can point to a file on another file system.
- E. Only the root user can create hard links.

Answer: D

NEW QUESTION 37

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 42

Which of the following commands adds the directory /new/dir/ to the PATH environment variable?

- A. \$PATH=/new/dir: \$PATH
- B. PATH=/new/dir: PATH
- C. export PATH=/new/dir: PATH
- D. export \$PATH=/new/dir: \$PATH
- E. export PATH=/new/dir: \$PATH

Answer: E

NEW QUESTION 46

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 49

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 52

Which of the following keys can be pressed to exit less?

- A. l
- B. x
- C. e
- D. q
- E. !

Answer: D

NEW QUESTION 55

What are the differences between a private web browser window and a regular web browser window? (Choose three.)

- A. Private web browser windows do not allow printing or storing websites.
- B. Private web browser windows do not store cookies persistently.
- C. Private web browser windows do not support logins into websites.
- D. Private web browser windows do not keep records in the browser history.
- E. Private web browser windows do not send regular stored cookies.

Answer: BDE

NEW QUESTION 59

The file script.sh in the current directory contains the following content:

```
#!/bin/bash echo $MYVAR
```

The following commands are used to execute this script: MYVAR=value

```
./script.sh
```

The result is an empty line instead of the content of the variable MYVAR. How should MYVAR be set in order to make script.sh display the content of MYVAR?

- A. !MYVAR=value
- B. env MYVAR=value
- C. MYVAR=value
- D. \$MYVAR=value
- E. export MYVAR=value

Answer: E

NEW QUESTION 60

A directory contains the following three files:

texts 1.txt

texts 2.txt

texts 3.csv

Which command copies the two files ending in .txt to the /tmp/ directory?

- A. cp ?? .txt /tmp/
- B. cp *.txt /tmp/
- C. c
- D. \.txt /tmp/
- E. cp ? .txt /tmp/
- F. cp \$?.txt /tmp/

Answer: B

NEW QUESTION 65

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 66

Which of the following outputs comes from the command free?

A. A. 21:04:15 up 14 days, 7:43, 3 users, load average: 0.89, 1.00, 0.99

B. `avg-cpu: %user %nice %system %iowait %steal %idle`
 `34.04 0.03 13.88 1.06 0.00 50.99`

C. `Filesystem Size Used Avail Use% Mounted on`
`/dev/mapper/vg_ssd- 25G 20G 3.6G 85% /`
`root`

D. 1.8M /tmp

E. `total used free shared buff/cache available`
`Mem: 16123128 12565680 2011624 412128 1545824 7180416`

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Answer: E

NEW QUESTION 67

Most commands on Linux can display information on their usage. How can this information typically be displayed?

- A. By running the command with the option `/?` or `/??`.
- B. By running the command with the option `?!` or `?=!`.
- C. By running the command with the option `/doc` or `/documentation`.
- D. By running the command with the option `-h` or `--help`.
- E. By running the command with the option `-m` or `--manpage`.

Answer: E

NEW QUESTION 68

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