



**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

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 5

Why are web browser cookies considered dangerous?

- A. Cookies support identification and tracking of users.
- B. Cookies are always public and accessible to anyone on the internet.
- C. Cookies consume significant amounts of storage and can exhaust disk space.
- D. Cookies store critical data which is lost when a cookie is deleted.
- E. Cookies can contain and execute viruses and malware.

**Answer:** A

#### NEW QUESTION 6

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 7

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 8

Which command copies the contents of the directory /etc/, including all sub-directories, to /root/?

- A. copy /etc /root
- B. cp -r /etc/\* /root
- C. cp -v /etc/\* /root
- D. rcp /etc/\* /root
- E. cp -R /etc/\*.\* /root

**Answer:** B

#### NEW QUESTION 9

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 10

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

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

**Answer:** A

#### NEW QUESTION 10

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 11

Which of the following programs are web servers? (Choose two.)

- A. Apache HTTPD
- B. Postfix
- C. Curl
- D. Dovecot
- E. NGINX

**Answer:** AE

#### NEW QUESTION 13

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 17

Reverse DNS assigns hostnames to IP addresses. How is the name of the IP address 198.51.100.165 stored on a DNS server?

- A. In the A record for 165.100.51.198.ipv4.arpA.
- B. In the PTR record for 165.100.51.198.in-addr.arpA.
- C. In the RNAME record for 198-51-100-165.rev.arpA.
- D. In the ARPA record for 165.100.51.198.rev.
- E. In the REV record for arpA.in-addr.198.51.100.165.

**Answer:** B

#### NEW QUESTION 18

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 19

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 22

What parameter of `ls` prints a recursive listing of a directory's content? (Specify ONLY the option name without any values or parameters.)

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

`ls -R`

#### NEW QUESTION 23

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:

`\`

#### NEW QUESTION 27

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 29

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 32**

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 36**

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 38**

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