

# LPI

## Exam Questions 010-160

Linux Essentials Certificate Exam - version 1.6



#### NEW QUESTION 1

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 2

Which of the following commands are used to get information on the proper use of ls? (Choose two correct answers.)

- A. option ls
- B. usage ls
- C. manual ls
- D. man ls
- E. info ls

Answer: DE

#### NEW QUESTION 3

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

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

Answer: A

#### NEW QUESTION 4

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 5

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 6

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 7

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 8

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 9

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 10

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 14

How is a new Linux computing instance provisioned in an IaaS cloud?

- A. The standard Linux installer has to be run through a remote console.
- B. After buying a Linux distribution, its vendor delivers it to a cloud instance.
- C. The installation has to be prepared in a local virtual machine which is then copied to the cloud.
- D. The cloud hosting organization provides a set of pre-prepared images of popular Linux distributions.
- E. A provider-specific configuration file describing the desired installation is uploaded to the cloud provider.

Answer: E

#### NEW QUESTION 18

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 21

A directory contains the following files:

a.txt

b.txt

c.cav

What would be the output of the following shell script? for file in \*.txt

```
do
    echo $file
done
```

- A. \*.txt
- B. a b
- C. c.cav
- D. A.txt
- E. txt
- F. txt

**Answer:** E

#### NEW QUESTION 25

What is the UID of the user root?

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

**Answer:** E

#### NEW QUESTION 27

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 28

Which of the following Linux Distributions is derived from Red Hat Enterprise Linux?

- A. Raspbian
- B. openSUSE
- C. Debian
- D. Ubuntu
- E. CentOS

**Answer:** E

#### NEW QUESTION 33

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 35

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. llookup

Answer: D

#### NEW QUESTION 38

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 39

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 42

A user is currently in the directory /home/user/Downloads/ and runs the command ls ../Documents/  
Assuming it exists, which directory's content is displayed?

- A. /home/user/Documents/
- B. /home/user/Documents/Downloads/
- C. /home/user/Downloads/Documents/
- D. /Documents/
- E. /home/Documents

Answer: D

#### NEW QUESTION 47

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 50

Which of the following types of bus can connect hard disk drives with the motherboard?

- A. The RAM bus
- B. The NUMA bus
- C. The CPU bus
- D. The SATA bus
- E. The Auto bus

Answer: D

#### NEW QUESTION 51

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 54

A new server needs to be installed to host services for a period of several years. Throughout this time, the server should receive important security updates from its Linux distribution.

Which of the following Linux distributions meet these requirements? (Choose two.)

- A. Ubuntu Linux LTS

- B. Fedora Linux
- C. Debian GNU/Linux Unstable
- D. Ubuntu Linux non-LTS
- E. Red Hat Enterprise Linux

**Answer:** AE

#### NEW QUESTION 59

What are the differences between hard disk drives and solid state disks? (Choose two correct answers.)

- A. Hard disks have a motor and moving parts, solid state disks do not.
- B. Hard disks can fail due to physical damage, while solid state disks cannot fail.
- C. Solid state disks can store many times as much data as hard disk drives.
- D. /dev/sda is a hard disk device while /dev/ssda is a solid state disk.
- E. Solid state disks provide faster access to stored data than hard disks.

**Answer:** AE

#### NEW QUESTION 62

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 67

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 68

What is defined by a Free Software license?

- A. Details of the technical documentation each contributor has to provide.
- B. The programming languages which may be used to extend the licensed program.
- C. A complete list of libraries required to compile the licensed software.
- D. Limits on the purposes for which the licensed software may be used.
- E. Conditions for modifying and distributing the licensed software.

**Answer:** E

#### NEW QUESTION 71

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