

LPI

Exam Questions 010-160

Linux Essentials Certificate Exam - version 1.6



NEW QUESTION 1

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 2

Which of the following directories must be mounted with read and write access if it resides on its own dedicated file system?

- A. /opt
- B. /lib
- C. /etc
- D. /var
- E. /usr

Answer: D

NEW QUESTION 3

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 4

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 5

The current directory contains the following file:

```
-rwxr-xr-x 1 root root 859688 Feb 7 08:15 test.sh
```

Given that the file is a valid shell script, how can this script be executed? (Choose two correct answers.)

- A. run test.sh
- B. \${test.sh}
- C. cmd ./test.sh
- D. ./test.sh
- E. bash test.sh

Answer: DE

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 DNS record types hold an IP address? (Choose two.)

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

E. CNAME

Answer: CD

NEW QUESTION 8

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 9

Which of the following tar options handle compression? (Choose two correct answers.)

- A. -bz
- B. -z
- C. -g
- D. -j
- E. -z2

Answer: BD

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 15

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 20

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 23

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 25

Which of the following statements are true regarding a typical shell script? (Choose two.)

- A. It has the executable permission bit set.
- B. It starts with the two character sequence #!.
- C. It is located in /usr/local/scripts/.
- D. It is located in /etc/bash/scripts/.
- E. It is compiled into a binary file compatible with the current machine architecture.

Answer: AE

NEW QUESTION 28

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 30

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 31

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 34

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

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

Answer: A

NEW QUESTION 37

What is the UID of the user root?

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

Answer: E

NEW QUESTION 39

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

- A. 1

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

Answer: B

NEW QUESTION 41

Which of the following are typical services offered by public cloud providers? (Choose three correct answers.)

- A. Platform as a Service(PaaS)
- B. Infrastructure as a Service(IaaS)
- C. Internet as a Service(IaaS)
- D. Graphics as a Service (GaaS)
- E. Software as a Service (SaaS)

Answer: ABE

NEW QUESTION 46

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 50

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 52

FILL BLANK

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 55

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 59

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 62

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 67

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 70

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 73

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 77

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 79

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 80

Which of the following outputs could stem from the command last?

- A. 1 ls 2 cat text.txt 3 logout
- B. Password for user last changed at Sat Mar 31 16:38:57 EST 2018
- C. Last login: Fri Mar 23 10:56:39 2018 from server.example.com
- D. EXT4-fs (dm-7): mounted filesystem with ordered data mod
- E. Opts: (null)
- F. root tty2 Wed May 17 21:11 - 21:11 (00:00)

Answer: E

NEW QUESTION 81

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 86

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