



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

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 3

Which of the following devices represents a hard disk partition?

- A. /dev/ttyS0
- B. /dev/sata0
- C. /dev/part0
- D. /dev/sda2
- E. /dev/sda/p2

Answer: D

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

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 6

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 7

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 8

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 9

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

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

Answer: B

NEW QUESTION 11

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 13

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 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 19

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 20

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

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

Answer: A

NEW QUESTION 22

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 23

Which of the following values could be a process ID on Linux?

- A. /bin/bash
- B. 60b503cd-019e-4300-a7be-922f074ef5ce
- C. /sys/pid/9a14
- D. fff3
- E. 21398

Answer: E

NEW QUESTION 26

What is the UID of the user root?

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

Answer: E

NEW QUESTION 29

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

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

Answer: B

NEW QUESTION 30

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 31

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 34

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 38

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 39

Which files are the source of the information in the following output? (Choose two.) uid=1000 (bob) gid=1000 (bob) groups=1000 (bob), 10 (wheel), 150 (docker), 1001 (libvirt)(wireshark),989

- A. /etc/id
- B. /etc/passwd
- C. /etc/group
- D. /home/index
- E. /var/db/users

Answer: BC

NEW QUESTION 43

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 45

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 47

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 50

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 51

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 55

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 57

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 62

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