

Exam Questions 010-160

Linux Essentials Certificate Exam - version 1.6

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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 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 4

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 5

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 6

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

- A. rwxrwxrwt
- B. -----rwx
- C. rwSrwx-rw
- D. rwxrws--
- E. r-xr-X--t

Answer: A

NEW QUESTION 7

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 8

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 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 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 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 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 16

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 17

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 23

What is the UID of the user root?

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

Answer: E

NEW QUESTION 27

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

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

Answer: B

NEW QUESTION 31

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 36

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 41

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 46

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 49

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 50

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

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

Answer: D

NEW QUESTION 54

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 58

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 61

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 65

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 66

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 70

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 74

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 75

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