LPI

Exam Questions 010-160

Linux Essentials Certificate Exam - version 1.6

NEW QUESTION 1
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 2
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 3
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 4
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 5
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 6
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 7
Which of the following keys can be pressed to exit less?

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

Answer: D

NEW QUESTION 8
Running the command rm Downloads leads to the following error: rm: cannot remove 'Downloads/': Is a directory
Which of the following commands can be used instead to remove Downloads, assuming Downloads is empty? (Choose two correct answers.)

A. undir Downloads
B. rmdir Downloads
C. dir –r Downloads
D. rem Downloads
E. rm –r Downloads

Answer: BE

NEW QUESTION 9
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 10
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 10
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 12
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 [Ll] [Ii] [Nn] [Uu] [Xx] operating-systems.txt

Answer: C

NEW QUESTION 13
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 15
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 18
What is the UID of the user root?

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

Answer: E

NEW QUESTION 22
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 25
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 30
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 34
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 35
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 37
Which of the following commands creates the ZIP archive poems.zip containing all files in the current directory whose names end in .txt?

A. zip *.txt > poems.zip
B. zcat *.txt poems.zip
C. zip poems.zip *.txt
D. zip cfz poems.zip *.txt
E. cat *.txt | zip poems.zip

Answer: C

NEW QUESTION 40
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 42
Which of the following commands sets the variable USERNAME to the value bob?

A. set USERNAME bob
B. $USERNAME==bob
C. var USERNAME=bob
D. USERNAME<=bob
E. USERNAME=bob

Answer: E

NEW QUESTION 45
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 48
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 51
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 56
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 59
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 63
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 66
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 68
What is the purpose of the PATH environment variable?

A. It allows the execution of commands without the need to know the location of the executable.
B. It increases security by preventing commands from running in certain locations.
C. It specifies the location of a user's home directory.
D. It indicates the location of the default shell to be used when a user logs in.
E. It contains the absolute path to the current directory.

Answer: A

NEW QUESTION 71
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 75
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 80
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