Exam Questions 010-160

Linux Essentials Certificate Exam - version 1.6

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NEW QUESTION 1
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 2
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 3
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 4
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 5
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 6
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 7
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 8
Which of the following commands extracts the contents of the compressed archive file1.tar.gz?

A. tar -czf file1.tar.gz
B. ztar file1.tar.gz
C. tar -xzf file1.tar.gz
D. tar --extract file1.tar.gz
E. detar file1.tar.gz

Answer: C

NEW QUESTION 9
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 10
What parameter of ls prints a recursive listing of a directory's content? (Specify ONLY the option name without any values or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
ls -R

NEW QUESTION 10
Which of the following is a protocol used for automatic IP address configuration?

A. NFS
B. LDAP
C. SMTP
D. DNS
E. DHCP

Answer: E

NEW QUESTION 11
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 13
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 16
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 17
Which operator in a regular expression matches the preceding character either zero or one time?

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

Answer: A

NEW QUESTION 19
What is the UID of the user root?

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

Answer: E

NEW QUESTION 24
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 26
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 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 31
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 36
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 37
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 42
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 44
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 48
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 49
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 51
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 56
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 59
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