

Exam Questions 010-150

Linux Essentials

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NEW QUESTION 1

You have a program called /usr/bin/foo. You wish to create a symbolic link, /home/user/foo, that points to it. Which command will do this task?

- A. ln --symlink /home/user/foo /usr/bin/foo
- B. ln /usr/bin/foo /home/user/foo
- C. ln /home/user/foo /usr/bin/foo
- D. ln -s /usr/bin/foo /home/user/foo
- E. ln -sym /home/user/foo /usr/bin/foo

Answer: D

NEW QUESTION 2

What are the three sets of permissions for a file?

- A. administrator, standard user, others
- B. user, standard user, others
- C. administrator, group, others
- D. user, group, others

Answer: D

NEW QUESTION 3

Which command displays the list of groups to which a user belongs?

- A. id
- B. whoami
- C. lsgroup
- D. who

Answer: A

NEW QUESTION 4

Which of the following is the home folder for the root user?

- A. /home/root
- B. /root
- C. /
- D. /user/root

Answer: B

NEW QUESTION 5

What is the command to change the password of a user?

- A. password
- B. epasswd
- C. passwd
- D. gpasswd
- E. wpasswd

Answer: C

NEW QUESTION 6

What command line will create the user falco with home directory assigned to the group users as primary group?

- A. add -user falco -group users
- B. add user falco@users
- C. useradd -m -g users falco
- D. useradd -f users falco
- E. useradd -g users falco

Answer: C

NEW QUESTION 7

In which directory are system log files kept?

- A. /var/log/sys/
- B. /var/log/
- C. /sys/log/
- D. /log/syslog/

Answer: B

NEW QUESTION 8

Which of the following commands can be used to change both the owner AND group settings of a file?

- A. chgrp
- B. chuser
- C. chown
- D. chmod
- E. chage

Answer: C

NEW QUESTION 9

What is the command that will show system boot time messages?

- A. messages
- B. display system boot
- C. lspci
- D. dmesg
- E. echo

Answer: D

NEW QUESTION 10

Which of the following Ubuntu releases is considered most stable and fit to use for business purposes?

- A. Server
- B. Kubuntu
- C. Ubuntu Vanilla
- D. Xubuntu
- E. LTS

Answer: E

NEW QUESTION 10

Where is the BIOS located?

- A. LCD monitor
- B. motherboard
- C. hard drive
- D. RAM

Answer: B

NEW QUESTION 15

Which of the following is a technology used to connect a hard drive directly to a computer's motherboard?

- A. VGA
- B. SATA
- C. DSL
- D. Ethernet
- E. PCI

Answer: B

NEW QUESTION 17

Which network interface always exists in a Linux system?

- A. vlan0
- B. eth0
- C. wlan0
- D. lo
- E. sit0

Answer: D

NEW QUESTION 22

Which of the following filesystems is most commonly used for Linux distributions?

- A. FAT32
- B. NTFS
- C. ext4
- D. HFS+

Answer: C

NEW QUESTION 27

A Linux computer has no access to the internet. Which command displays information about the network gateway for the system?

- A. ipconfig
- B. route
- C. gateway
- D. ifconfig
- E. traceroute

Answer: B

NEW QUESTION 28

Which of the following commands redirects the output of cmd to the file foo.txt, in which an existing file is overwritten?

- A. cmd > foo.txt
- B. cmd >> foo.txt
- C. cmd && foo.txt
- D. cmd | foo.txt
- E. cmd || foo.txt

Answer: A

NEW QUESTION 32

Which of the following commands will set the variable text to olaf is home? (Choose two)

- A. text="olaf is home"
- B. text=='olaf is home'
- C. \$text='olaf is home'
- D. text=\$olaf is home
- E. text=olaf\ is\ home

Answer: AE

Explanation: Section 4: Sec Four (51 to 66)
Details: Topic 4, The Linux Operating System

NEW QUESTION 33

After installing a new package, in which directory are you most likely find its configuration file?

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

Answer:

NEW QUESTION 34

With which command can you determine the time of the last restart of a system?

- A. last reboot
- B. last | reboot
- C. expect --reboot
- D. find reboot
- E. current reboottime

Answer: A

NEW QUESTION 39

Which of the following filesystems is most commonly used for Linux distributions?

- A. NTFS
- B. FAT32
- C. ext4
- D. HFS+

Answer: C

NEW QUESTION 41

Which command chain will count the number of regular files with the name of foo.txt within /home?

- A. grep -R foo.txt /home | wc -l
- B. find /home -name foo.txt | wc -l
- C. find /home -name foo.txt -count
- D. find /home -type f -name foo.txt | wc -l
- E. ls -lR /home | grep foo.txt | wc -l

Answer: D

NEW QUESTION 42

Which of the following command sequences overwrites the file foobar.txt?

- A. echo "QUIDQUIDAGIS" | foobar.txt
- B. echo "QUIDQUIDAGIS" > foobar.txt
- C. echo "QUIDQUIDAGIS" < foobar.txt
- D. echo "QUIDQUIDAGIS" >> foobar.txt

Answer: B

NEW QUESTION 43

Which of the following commands will create an archive file, named backup.tar, containing all the files from the directory /home?

- A. tar -cf backup.tar /home
- B. tar -xf backup.tar /home
- C. tar -xf /home backup.tar
- D. tar /home backup.tar
- E. tar -cf /home backup.tar

Answer: A

NEW QUESTION 47

How can the normal output of a command be written to a file while discarding the error output?

- A. command >file 2>/dev/null
- B. command > /dev/null 2>>1 output
- C. command > discard-error > file
- D. command < output > /dev/null
- E. command >2>file 1&>/dev/null

Answer: A

NEW QUESTION 51

How can the current directory and its subdirectories be searched for the file named MyFile.xml?

- A. search Myfile.xml ./
- B. less MyFile.xml
- C. grep MyFile.xml | find
- D. grep -r MyFile.xml .
- E. find . -name MyFile.xml

Answer: E

NEW QUESTION 54

Which command will display the last line of the file foo.txt?

- A. tail -n 1 foo.txt
- B. last -n 1 foo.txt
- C. tail foo.txt
- D. head -n 1 foo.txt

Answer: A

NEW QUESTION 56

The script, script.sh, consists of the following lines:

```
#!/bin/bash echo $2 $1
```

Which output will appear if the command, ./script.sh test1 test2, is entered?

- A. test1 script.sh
- B. script.sh test1
- C. script.sh test2
- D. test2 test1
- E. test1 test2

Answer: D

NEW QUESTION 58

CORRECT TEXT

What two character sequence is present at the beginning of an interpreted script? (Please specify the TWO correct characters only)

Answer:

Explanation: #!

NEW QUESTION 63

Which approach will provide a listing of the contents in a tar archive?

- A. Use the zlist command.
- B. Use the zless command.
- C. Use the find command.
- D. Use the grep command.
- E. Use the tar command with -t.

Answer: E

NEW QUESTION 66

Given a file called birthdays containing lines like: YYYY-MM-DD Name 1983-06-02 Tim
1995-12-17 Sue Which command would you use to output the lines belonging to all people listed whose birthday is in May or June?

- A. grep 06 birthdays | grep 05
- B. grep '[0-9]*-0[56]-' birthdays
- C. grep 05?6? birthdays
- D. grep '[56]' birthdays

Answer: B

NEW QUESTION 68

Which character starts a comment line in a shell script file?

- A. /
- B. #
- C. *
- D. ;

Answer: B

NEW QUESTION 69

What is the output of the following command? for token in a b c; do echo -n \${token}; done

- A. a b c
- B. {a}{b}{c}
- C. \$token\$token\$token
- D. abc
- E. anbncn

Answer: D

NEW QUESTION 73

Which of the following commands can be used to extract content from a tar file?

- A. tar -c
- B. tar -v
- C. tar -e
- D. tar -xvf
- E. tar -vf

Answer: D

NEW QUESTION 77

Which command shows all of the directories that the shell searches for programs?

- A. cat \$PATH
- B. get \$PATH
- C. echo \$PATH
- D. more \$ALL_PATH
- E. less \$PWD

Answer: C

NEW QUESTION 80

In order to rename the directory ~/bilder/letzter-urlaub to ~/bilder/sommer-2011, which command line could be used?

- A. rename ~/bilder/letzter-urlaub ~/bilder/sommer-2011
- B. copy -m ~/bilde/letzter-urlaub ~/bilder/sommer-2011
- C. cp -m ~/bilder/letzter-urlaub ~/bilder/sommer-2011
- D. move ~/bilder/letzter-urlaub ~/bilder/sommer-2011
- E. mv ~/bilder/letzter-urlaub ~/bilder/sommer-2011

Answer: E

NEW QUESTION 83

Which of the following is an example of globbing?

- A. ls /etc/ | more
- B. ls /etc/*.txt
- C. ls /etc/ > files.txt
- D. ls /etc/ 2> files.txt

Answer: B

NEW QUESTION 85

Which command is used to make a shell variable known to subsequently executed programs?

- A. mv
- B. transfer
- C. env
- D. announce
- E. export

Answer: E

NEW QUESTION 90

While deleting all files beginning with the letter a there was still the file Access.txt left. Assuming that it had the correct ownership, why was it not deleted?

- A. Linux file names are case sensitive.
- B. The file Access.txt was hidden.
- C. The file Access.txt was probably opened by another application.
- D. rm had to be called with the option -R to delete all files.
- E. Files with extensions need a different treatment.

Answer: A

NEW QUESTION 94

What does LAMP mean?

- A. Short for lampport-clock which is important in distributed network computing.
- B. The combination of Linux, Apache, MySQL and PHP or other programming languages.
- C. Short for Lightweight Access Management Protocol which synchronizes permissions in a network.
- D. The bus ID of an attached USB device that emits light.
- E. The Linux Advanced Mode Programming Interface which gives advanced capabilities to application developers.

Answer: B

NEW QUESTION 96

Which of the following software packages is a mail server?

- A. MySQL
- B. GIMP
- C. Apache
- D. Thunderbird
- E. Postfix

Answer: E

NEW QUESTION 98

Which of the following answers are true for cloud computing? (Choose two)

- A. Cloud Computing implies sharing all information with everyone else in 'the cloud'.
- B. the use of fossil, non- regenerative energy for computing.
- C. Cloud Computing is the opposite of green IT; i.
- D. From the business perspective, Cloud Computing means outsourcing or centralization of IT operations.
- E. Cloud Computing provides new tools to manage IT resources.

Answer: DE

NEW QUESTION 99

Which statements are true about virtualization? (Choose two)

- A. Virtualization allows separation of services, tasks and users in distinct virtual machines.
- B. Virtualization is a pure desktop technology that should not be used on servers.
- C. Virtualization is a proprietary technology that has additional licence costs even for Linux.
- D. Virtualization lets you run several operating systems on the same hardware in parallel.
- E. Virtualization is not supported by Linux because of its permissions and multi-user requirements.

Answer: AD

NEW QUESTION 104

Which of the following is a valid option for a typical command to get its built-in usage information?

- A. -help
- B. --manual
- C. help
- D. -H
- E. -?

Answer: A

NEW QUESTION 105

Which statements are correct regarding distributions? (Choose two)

- A. Program packages of one distribution can be adapted for another.
- B. Distributions restrict the user to its supported program package
- C. To start a new distribution a Linux International license is needed.
- D. Only commercial distributions offer regular security updates.
- E. Programs can be installed manually and without a packet manager.

Answer: AE

NEW QUESTION 109

When using a web browser, what should a user do to prevent private data from being stored locally?

- A. There is no way to achieve that because Linux always logs network data.
- B. Use the secure versions of the browser available.
- C. Delete the profile directory in the home directory and create a new one after the work is done.
- D. Set up a second profile and use only that one to access sensitive sites.
- E. Browsers can be configured to use a private mode that does not store any data locally.

Answer: E

NEW QUESTION 114

Which of the following programs is not a graphical web browser?

- A. Opera
- B. Chrome
- C. Links
- D. Firefox
- E. Konqueror

Answer: C

NEW QUESTION 115

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