



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. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Answer: E

NEW QUESTION 2

Members of a team already have experience using Red Hat Enterprise Linux. For a small hobby project, the team wants to set up a Linux server without paying for a subscription. Which of the following Linux distributions allows the team members to apply as much of their Red Hat Enterprise Linux knowledge as possible?

- A. Ubuntu Linux LTS
- B. Raspbian
- C. Debian GNU/Linux
- D. CentOS
- E. openSUSE

Answer: D

NEW QUESTION 3

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 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

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 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 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 8

When typing a long command line at the shell, what single character can be used to split a command across multiple lines?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

\

NEW QUESTION 9

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 10

Which of the following commands can be used to resolve a DNS name to an IP address?

- A. dnsname
- B. dns
- C. query
- D. host
- E. lplookup

Answer: D

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 11

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 14

What information is stored in /etc/passwd? (Choose three correct answers.)

- A. The user's storage space limit
- B. The numerical user ID
- C. The username
- D. The encrypted password
- E. The user's default shell

Answer: BCD

NEW QUESTION 17

Where is the operating system of a Raspberry Pi stored?

- A. On the master device attached to the Raspberry Pi's IDE bus.
- B. On a read only partition on the Raspberry Pi's firmware, next to the BIOS.
- C. On a removable SD card which is put into the Raspberry Pi.
- D. On a Linux extension module connected to the Raspberry Pi's GPIO pins.
- E. On rewritable flash storage which is built into the Raspberry Pi.

Answer: C

NEW QUESTION 20

Which of the following programs are web servers? (Choose two.)

- A. Apache HTTPD
- B. Postfix
- C. Curl
- D. Dovecot
- E. NGINX

Answer: AE

NEW QUESTION 25

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 28

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

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

Answer: A

NEW QUESTION 31

A directory contains the following files:

What would be the output of the following shell script? for file in *.txt

- A. *.txt
- B. a b
- C. c.cav
- D. A.txt
- E. txt
- F. txt

Answer: E

NEW QUESTION 32

What is the UID of the user root?

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

Answer: E

NEW QUESTION 34

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 35

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 36

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 41

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 46

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 51

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 54

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 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 examples shows the general structure of a for loop in a shell script?

- A. for *.txt as file => echo \$file
- B. for *.txt (echo \$i)
- C. for file in *.txt do echo \$i done
- D. for ls *.txt exec {} \;
- E. foreach @{file} { echo \$i }

Answer: C

NEW QUESTION 60

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 62

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 65

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