

LPI

Exam Questions 010-160

Linux Essentials Certificate Exam - version 1.6



NEW QUESTION 1

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 2

What is the preferred source for the installation of new applications in a Linux based operating system?

- A. The vendor's version management system
- B. A CD-ROM disk
- C. The distribution's package repository
- D. The vendor's website
- E. A retail store

Answer: C

NEW QUESTION 3

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 4

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 5

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 6

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 7

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 8

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 9

Which of the following values could be a process ID on Linux?

- A. /bin/bash
- B. 60b503cd-019e-4300-a7be-922f074ef5ce
- C. /sys/pid/9a14
- D. fff3
- E. 21398

Answer: E

NEW QUESTION 10

What is the UID of the user root?

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

Answer: E

NEW QUESTION 10

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 15

Which of the following commands will search for the file foo.txt under the directory /home?

- A. search /home -file foo.txt
- B. search /home fo
- C. txt
- D. find /home - file foo.txt
- E. find /home -name foo.txt
- F. find /home foo.txt

Answer: D

NEW QUESTION 18

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 19

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 22

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 24

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 29

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 32

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 35

What is true about the dmesg command? (Choose two correct answers.)

- A. It traces the execution of a command and shows each step the program carries out.
- B. It sends messages to the command lines of all current user sessions.
- C. It displays the content of the Linux kernel's ring buffer.
- D. It immediately outputs all new messages written to the system journal.
- E. It might not display older information because it was overwritten by newer information.

Answer: CE

NEW QUESTION 37

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

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

Answer: D

NEW QUESTION 41

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 44

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 49

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 50

What information can be displayed by top?

- A. Existing files, ordered by their size.
- B. Running processes, ordered by CPU or RAM consumption.
- C. User accounts, ordered by the number of logins.
- D. User groups, ordered by the number of members.
- E. User accounts, ordered by the number of files.

Answer: B

NEW QUESTION 51

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 52

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 56

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 61

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 62

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 66

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 69

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-root 25G      20G      3.6G     85%  /
```
- 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 70

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