



010-160^{Q&As}

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QUESTION 1

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.

Correct Answer: E

QUESTION 2

What is the return value of a shell script after successful execution?

- A. 1
- B. 0
- C. -1
- D. -255
- E. 255

Correct Answer: B

QUESTION 3

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.

Correct Answer: A

QUESTION 4



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

Correct Answer: B

QUESTION 5

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

Correct Answer: C

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.

Correct Answer: A

QUESTION 7

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

Correct Answer: E

QUESTION 8

Which of the following Linux Distributions is derived from Red Hat Enterprise Linux?

A. Raspbian

B. openSUSE

C. Debian

D. Ubuntu

E. CentOS

Correct Answer: E

QUESTION 9

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 `#!/test.sh` instead of `./test.sh`.

Correct Answer: B

QUESTION 10



Which of the following characters in a shell prompt indicates the shell is running with root privileges?

- A. !
- B. #
- C. *
- D. and
- E. \$

Correct Answer: B

QUESTION 11

FILL BLANK

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

Correct Answer: ls -R

QUESTION 12

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.

Correct Answer: A

QUESTION 13

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.

Correct Answer: D

QUESTION 14

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. a. txt
- F. txt

Correct Answer: E

QUESTION 15

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

Correct Answer: C

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