

## LX0-103<sup>Q&As</sup>

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## QUESTION 1

Which umask value will result in the default access permissions of 600 (rw-----) for files and 700 (rwx-----) for directories? (Specify only the numerical umask value.)

Correct Answer: Answer: 0077, 077

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## QUESTION 2

Which of the following commands displays the contents of a gzip compressed tar archive?

- A. gzip archive.tgz | tar xvf
- B. tar ztf archive.tgz
- C. gzip -d archive.tgz | tar tvf
- D. tar cf archive.tgz

Correct Answer: B

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## QUESTION 3

Which of the following statements is correct when talking about /proc/?

- A. All changes to files in /proc/ are stored in /etc/proc.d/ and restored on reboot.
- B. All files within /proc/ are read-only and their contents cannot be changed.
- C. All changes to files in /proc/ are immediately recognized by the kernel.
- D. All files within /proc/ are only readable by the root user.

Correct Answer: C

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## QUESTION 4

Which of the following commands will reduce all consecutive spaces down to a single space?

- A. tr '\s\ ' ' ' b.txt
- B. tr -c ' ' b.txt
- C. tr -d ' ' b.txt
- D. tr -r ' ' '\n' b.txt
- E. tr -s ' ' b.txt

Correct Answer: E

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## QUESTION 5

Which of the following commands is used to change options and positional parameters for a running Bash?

- A. history
- B. set
- C. bashconf
- D. setsh
- E. envsetup

Correct Answer: B

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## QUESTION 6

Which of the following commands can be used to display the inode number of a given file?

- A. inode
- B. ls
- C. ln
- D. cp

Correct Answer: B

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## QUESTION 7

Which command displays a list of all background tasks running in the current shell? (Specify ONLY the command without any path or parameters.)

Correct Answer: Answer: jobs

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## QUESTION 8

What is the output of the following command?

```
echo "Hello World" | tr -d aieou
```

- A. Hello World
- B. eoo

C. Hll Wrld

D. eoo Hll Wrld

Correct Answer: C

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## QUESTION 9

What is the difference between the i and a commands of the vi editor?

A. i (interactive) requires the user to explicitly switch between vi modes whereas a (automatic) switches modes automatically.

B. i (insert) inserts text before the current cursor position whereas a (append) inserts text after the cursor.

C. i (independent rows) starts every new line at the first character whereas a (aligned rows) keeps the indentation of the previous line.

D. i (interrupt) temporarily suspends editing of a file to the background whereas a (abort) terminates editing.

Correct Answer: B

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## QUESTION 10

Which of the following statements is correct regarding the command `foo 1> bar`?

A. The stdout from the command `foo` is appended to the file `bar`.

B. The stdout from the command `foo` overwrites the file `bar`.

C. The command `foo` receives its stdin from the file `bar`.

D. The command `foo` receives its stdin from the stdout of the command `bar`.

E. The stderr from the command `foo` is saved to the file `bar`.

Correct Answer: B

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## QUESTION 11

Which Debian package management tool asks the configuration questions for a specific already installed package just as if the package were being installed for the first time? (Specify ONLY the command without any path or parameters.)

Correct Answer: Answer: `dpkg-reconfigure`

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## QUESTION 12

Which of the following files, located in the user home directory, is used to store the Bash history?

- A. `.bash_history`
- B. `.bash_histfile`
- C. `.history`
- D. `.bashrc_history`
- E. `.history_bash`

Correct Answer: A

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### QUESTION 13

From a Bash shell, which of the following commands directly executes the instruction from the file `/usr/local/bin/runme.sh` without starting a subshell? (Please select TWO answers.)

- A. `source /usr/local/bin/runme.sh`
- B. `./usr/local/bin/runme.sh`
- C. `/bin/bash /usr/local/bin/runme.sh`
- D. `/usr/local/bin/runme.sh`
- E. `run /usr/local/bin/runme.sh`

Correct Answer: AB

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### QUESTION 14

What does the `?` symbol within regular expressions represent?

- A. Match the preceding qualifier one or more times.
- B. Match the preceding qualifier zero or more times.
- C. Match the preceding qualifier zero or one times.
- D. Match a literal `?` character.

Correct Answer: C

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### QUESTION 15

What does the command `mount -a` do?

- A. It ensures that all file systems listed with the option `noauto` in `/etc/fstab` are mounted.
- B. It shows all mounted file systems that have been automatically mounted.

- C. It opens an editor with root privileges and loads /etc/fstab for editing.
- D. It ensures that all file systems listed with the option auto in /etc/fstab are mounted.
- E. It ensures that all file systems listed in /etc/fstab are mounted regardless of their options.

Correct Answer: D

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