

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

### CompTIA Linux+ [Powered by LPI] 1

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#### **QUESTION 1**

Which of the following commands will print the last 10 lines of a text file to the standard output?

- A. cat -n 10 filename
- B. dump -n 10 filename
- C. head -n 10 filename
- D. tail -n 10 filename

Correct Answer: D

#### **QUESTION 2**

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

#### **QUESTION 3**

What is the purpose of the Filesystem Hierarchy Standard?

- A. It is a security model used to ensure files are organized according to their permissions and accessibility.
- B. It provides unified tools to create, maintain and manage multiple filesystems in a common way.
- C. It defines a common internal structure of inodes for all compliant filesystems.
- D. It is a distribution neutral description of locations of files and directories.

Correct Answer: D

#### **QUESTION 4**

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

#### **QUESTION 5**

Which of the following commands moves and resumes in the background the last stopped shell job?

A. run

B. bg

C. fg

D. back

Correct Answer: B

#### **QUESTION 6**

Which of the following commands changes the ownership of file.txt to the user dan and the group staff?

- A. chown dan/staff file.txt
- B. chown dan:staff file.txt
- C. chown -u dan -g staff file.txt
- D. chown dan -g staff file.txt

Correct Answer: B

#### **QUESTION 7**

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

#### **QUESTION 8**

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

#### **QUESTION 9**

Which of the following commands changes the number of days before the ext3 filesystem on /dev/sda1 has to run through a full filesystem check while booting?

- A. tune2fs -d 200 /dev/sda1
- B. tune2fs -c 200 /dev/sda1
- C. tune2fs -i 200 /dev/sda1
- D. tune2fs -n 200 /dev/sda1
- E. tune2fs --days 200 /dev/sda1

Correct Answer: C

#### **QUESTION 10**

Which type of filesystem is created by mkfs when it is executed with the block device name only and without any additional parameters?

- A. ext2 B. ext3 C. ext4 D. XFS
- D. AI 3
- E. VFAT

Correct Answer: A

#### **QUESTION 11**

In the vi editor, how can commands such as moving the cursor or copying lines into the buffer be issued multiple times or applied to multiple rows?

A. By using the command :repeat followed by the number and the command.



- B. By specifying the number right in front of a command such as 4l or 2yj.
- C. By selecting all affected lines using the shift and cursor keys before applying the command.
- D. By issuing a command such as :set repetition=4 which repeats every subsequent command 4 times.

Correct Answer: B

#### **QUESTION 12**

In the vi editor, which of the following commands will copy the current line into the vi buffer?

B. cc	
C. 1c	
D. yy	
E. 1y	
Correct Answer: D	

#### **QUESTION 13**

Which of the following are init systems used within Linux systems? (Choose THREE correct answers.)

- A. startd
- B. systemd
- C. Upstart
- D. SysInit
- E. SysV init
- Correct Answer: BCE

#### **QUESTION 14**

Which of the following environment variables overrides or extends the list of directories holding shared libraries?

- A. LD\_LOAD\_PATH
- B. LD\_LIB\_PATH
- C. LD\_LIBRARY\_PATH
- D. LD\_SHARE\_PATH
- E. LD\_RUN\_PATH



Correct Answer: C

#### **QUESTION 15**

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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