

## Get 2023 Updated Free Linux Foundation LFCS Exam Questions & Answer [Q27-Q49]



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What is the duration, language, and format of LFCS Exam

Format: Multiple choices, multiple answers

- Language: English- Passing score: 66%- Length of Examination: 2 Hours- Number of Questions: 260 **QUESTION 27**

### SUMULATION

Which file in the /proc filesystem lists parameters passed from the bootloader to the kernel? (Specify the file name only without any path.)

cmdline -or- /proc/cmdline

### QUESTION 28

What is the maximum niceness value that a regular user can assign to a process with the nice command when executing a new process?

- \* 9
- \* 19
- \* 49
- \* 99

### QUESTION 29

#### CORRECT TEXT

The presence of what file will temporarily prevent all users except root from logging into the system? (Specify the full name of the file, including path.)

/etc/nologin

### QUESTION 30

What output will the following command sequence produce?

```
echo 1 2 3 4 5 6; | while read a b c; do
```

```
echo result: $c $b $a;
```

```
done
```

- \* result: 3 4 5 6 2 1
- \* result: 1 2 3 4 5 6
- \* result: 6 5 4
- \* result: 6 5 4 3 2 1
- \* result: 3 2 1

### QUESTION 31

#### SIMULATION

Which file contains a set of services and hosts that will be allowed to connect to the server by going through a TCP Wrapper program such as tcpd? (Specify the full name of the file, including path.)

/etc/hosts.allow

### QUESTION 32

Which character starts a comment line in a shell script file?

- \* ;
- \* \*
- \* #
- \* /

### QUESTION 33

When running the command

```
sed -e s/a/b/ /tmp/file >/tmp/file
```

While `/tmp/file` contains data, why is `/tmp/file` empty afterwards?

- \* The file order is incorrect. The destination file must be mentioned before the command to ensure redirection.
- \* The command `sed` did not match anything in that file therefore the output is empty.
- \* When the shell establishes the redirection it overwrites the target file before the redirected command starts and opens it for reading.
- \* Redirection for shell commands do not work using the `>` character. It only works using the `|` character instead.

#### QUESTION 34

Which command chain will count the number of regular files with the name of `foo.txt` within `/home`?

- \* `ls -lR /home | grep foo.txt | wc -l`
- \* `find /home -type f -name foo.txt | wc -l`
- \* `find /home -name foo.txt -count`
- \* `find /home -name foo.txt | wc -l`
- \* `grep -R foo.txt /home | wc -l`

#### QUESTION 35

Which of the following commands prints a list of usernames (first column) and their primary group (fourth column) from the `/etc/passwd` file?

- \* `fmt -f 1,4 /etc/passwd`
- \* `split -c 1,4 /etc/passwd`
- \* `cut -d : -f 1,4 /etc/passwd`
- \* `paste -f 1,4 /etc/passwd`

#### QUESTION 36

What is a purpose of an SSH host key?

- \* It must be sent by any SSH client in addition to a user key in order to identify the client's host.
- \* It provides the server's identity information to connecting SSH clients.
- \* It is the root key by which all user SSH keys must be signed.
- \* It authenticates any user that logs into a remote machine from the key's host.
- \* It is used by system services like cron, syslog or a backup job to automatically connect to remote hosts.

#### QUESTION 37

In Bash, inserting `1>&2` after a command redirects

- \* standard error to standard input.
- \* standard input to standard error.
- \* standard output to standard error.
- \* standard error to standard output.
- \* standard output to standard input.

#### QUESTION 38

CORRECT TEXT

Which file in the `/proc` filesystem lists parameters passed from the bootloader to the kernel? (Specify the file name only without any path.)

`cmdline`, `/proc/cmdline`

### QUESTION 39

Which of the following SQL queries counts the number of occurrences for each value of the field order\_type in the table orders?

- \* SELECT order\_type,COUNT(\*) FROM orders WHERE order\_type=order\_type;
- \* SELECT order\_type,COUNT(\*) FROM orders GROUP BY order\_type;
- \* COUNT(SELECT order\_type FROM orders);
- \* SELECT COUNT(\*) FROM orders ORDER BY order\_type;
- \* SELECT AUTO\_COUNT FROM orders COUNT order\_type;

### QUESTION 40

When the command echo \$ outputs 1, which of the following statements is true?

- \* It is the process ID of the echo command.
- \* It is the process ID of the current shell.
- \* It is the exit value of the command executed immediately before echo.
- \* It is the exit value of the echo command.

### QUESTION 41

Which of the following commands determines the type of a file by using a definition database file which contains information about all common file types?

- \* magic
- \* type
- \* file
- \* pmagic
- \* hash

### QUESTION 42

Which of the following commands redirects the output of cmd to the file foo.txt, in which an existing file is overwritten?

- \* cmd || foo.txt
- \* cmd | foo.txt
- \* cmd && foo.txt
- \* cmd >> foo.txt
- \* cmd > foo.txt

### QUESTION 43

Which of the following commands can be used to display the local routing table? (Choose TWO correct answers.)

- \* ifconfig
- \* dig
- \* netstat
- \* route
- \* trackroute

### QUESTION 44

What is the command to delete the default gateway from the system IP routing table? (Choose TWO correct answers.)

- \* route del default

- \* ifconfig unset default
- \* netstat -r default
- \* ip route del default
- \* sysctl ipv4.default\_gw=0

#### QUESTION 45

What is the correct command to extract the contents of the archive file download.bz2?

- \* unpack download.bz2
- \* unzip2 download.bz2
- \* bunzip2 download.bz2
- \* unzip download.bz2
- \* uncompress download.bz2

#### QUESTION 46

Which of the following commands will NOT update the modify timestamp on the file /tmp/myfile.txt?

- \* file /tmp/myfile.txt
- \* echo "Hello" >/tmp/myfile.txt
- \* sed -ie "s/1/2/" /tmp/myfile.txt
- \* echo -n "Hello" >>/tmp/myfile.txt
- \* touch /tmp/myfile.txt

#### QUESTION 47

SIMULATION

Which command is used to set the hostname of the local system? (Specify ONLY the command without any path or parameters.)  
hostname

#### QUESTION 48

CORRECT TEXT

What two character sequence is present at the beginning of an interpreted script? (Please specify the TWO correct characters only)  
#!

#### QUESTION 49

CORRECT TEXT

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

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