

CompTIA

Exam LX0-104

CompTIA Linux+ [Powered by LPI] - Exam 2

Version: 6.0

[Total Questions: 120]

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Topic 1, Shells, Scripting and Data Management**Question No : 1 - (Topic 1)**

Which of the following commands puts the output of the command `date` into the shell variable `mydate`?

- A. `mydate="$(date)"`
- B. `mydate="exec date"`
- C. `mydate="$((date))"`
- D. `mydate="date"`
- E. `mydate="{date}"`

Answer: A

Question No : 2 - (Topic 1)

What is the purpose of the file `/etc/profile`?

- A. It contains the welcome message that is displayed after login.
- B. It contains security profiles defining which users are allowed to log in.
- C. It contains environment variables that are set when a user logs in.
- D. It contains default application profiles for users that run an application for the first time.

Answer: C

Question No : 3 - (Topic 1)

When the command `echo $$` outputs `12942`, what is the meaning of `12942`?

- A. It is the process ID of the `echo` command.
- B. It is the process ID of the current shell.
- C. It is the process ID of the last command executed.
- D. It is the process ID of the last command which has been placed in the background.

Answer: B

Question No : 4 - (Topic 1)

What output will the following command produce?

```
seq 1 5 20
```

A. 1

6

1

1

1

6

B. 1

5

10

15

C. 1

2

3

4

D. 2

3

4

5

E. 5

10

15

20

Answer: A

Question No : 5 - (Topic 1)

Which of the following SQL queries counts the number of occurrences for each value of the field `order_type` in the table `orders`?

A. `SELECT order_type,COUNT(*) FROM orders WHERE order_type=order_type;`

B. `SELECT order_type,COUNT(*) FROM orders GROUP BY order_type;`

C. `COUNT(SELECT order_type FROM orders);`

D. `SELECT COUNT(*) FROM orders ORDER BY order_type;`

E. `SELECT AUTO_COUNT FROM orders COUNT order_type;`

Answer: B

Question No : 6 - (Topic 1)

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
```

- A. result: 3 4 5 6 2 1
- B. result: 1 2 3 4 5 6
- C. result: 6 5 4
- D. result: 6 5 4 3 2 1
- E. result: 3 2 1

Answer: A

Question No : 7 - (Topic 1)

Which of the following words is used to restrict the records that are returned from a SELECT SQL query based on a supplied criteria for the values in the records?

- A. CASE
- B. FROM
- C. WHERE
- D. IF

Answer: C

Question No : 8 - (Topic 1)

Which of the following are requirements in order to run a shell script like a regular command from anywhere in the filesystem? (Choose THREE correct answers.)

- A. The user issuing the command must be in the group script.
- B. The script file must be found in the \$PATH.
- C. The script file must have the executable permission bit set.
- D. The script must begin with a shebang-line (!) that points to the correct interpreter.
- E. The file system on which the script resides must be mounted with the option scripts.

Answer: B,C,D

Question No : 9 - (Topic 1)

What output will the command seq 10 produce?

- A. A continuous stream of numbers increasing in increments of 10 until stopped.
- B. The numbers 1 through 10 with one number per line.
- C. The numbers 0 through 9 with one number per line.
- D. The number 10 to standard output.

Answer: B

Question No : 10 - (Topic 1)

Which of the following files, when existing, affect the behavior of the Bash shell? (Choose TWO correct answers.)

- A. ~/.bashconf
- B. ~/.bashrc
- C. ~/.bashdefaults
- D. ~/.bash_etc
- E. ~/.bash_profile

Answer: B,E

Question No : 11 CORRECT TEXT - (Topic 1)

What command displays all aliases defined in the current shell? (Specify the command without any path information)

Answer: alias, alias -p

Question No : 12 CORRECT TEXT - (Topic 1)

What word is missing from the following SQL statement?

insert into tablename _____(909, 'text');

(Please specify the missing word using lower-case letters only.)

Answer: VALUES, values

Question No : 13 - (Topic 1)

How can the existing environment variable FOOBAR be suppressed for the execution of the script./myscript only?

- A. unset -v FOOBAR;./myscript
- B. set -a FOOBAR="";./myscript
- C. env -u FOOBAR./myscript
- D. env -i FOOBAR./myscript

Answer: C

Question No : 14 - (Topic 1)

What is the difference between the commands test -e path and test -f path?

- A. They are equivalent options with the same behaviour.
- B. The -f option tests for a regular file. The -e option tests for an empty file.
- C. Both options check the existence of the path. The -f option also confirms that it is a regular file.
- D. The -f option tests for a regular file. The -e option tests for an executable file.

Answer: C

Question No : 15 - (Topic 1)

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

- A. It is the process ID of the echo command.
- B. It is the process ID of the current shell.
- C. It is the exit value of the command executed immediately before echo.
- D. It is the exit value of the echo command.

Answer: C

Question No : 16 CORRECT TEXT - (Topic 1)

By default, the contents of which directory will be copied to a new user's home directory when the account is created by passing the `-m` option to the `useradd` command? (Specify the full path to the directory.)

Answer: /etc/skel

Question No : 17 - (Topic 1)

After issuing:

```
function myfunction { echo $1 $2 ; }
```

in Bash, which output does:

```
myfunction A B C
```

Produce?

- A. A B
- B. A B C
- C. A C