

Linux Foundation

Exam Questions LFCS

Linux Foundation Certified System Administrator



NEW QUESTION 1

Which of the following may occur as a consequence of using the command `ifconfig`? (Choose THREE correct answers.)

- A. New name servers may be added to the resolver configuration.
- B. Network interfaces may become active or inactive.
- C. The routing table may change.
- D. IP addresses may change.
- E. The system's host name may change.

Answer: BCD

NEW QUESTION 2

Which of the following tasks can be accomplished using the command `date`? (Choose TWO correct answers.)

- A. Synchronize the hardware and system clocks.
- B. Output date and time in different formats.
- C. Set the system clock.
- D. Set the hardware clock.
- E. Update the time via NTP.

Answer: BC

NEW QUESTION 3

Given the following routing table:

```
Kernel IP routing table
Destination      Gateway         Genmask         Flags Metric Ref    Use Iface
0.0.0.0          192.168.178.1  0.0.0.0         UG    0      0      0 wlan0
192.168.1.0      0.0.0.0        255.255.255.0   U     0      0      0 eth0
192.168.2.0      192.168.1.1    255.255.255.0   U     0      0      0 eth0
192.168.178.0    0.0.0.0        255.255.255.0   U     9      0      0 wlan0
```

How would an outgoing packet to the destination 192.168.2.150 be handled?

- A. It would be passed to the default router 192.168.178.1 on wlan0.
- B. It would be directly transmitted on the device eth0.
- C. It would be passed to the default router 255.255.255.0 on eth0.
- D. It would be directly transmitted on the device wlan0.
- E. It would be passed to the router 192.168.1.1 on eth0.

Answer: E

NEW QUESTION 4

What is the output of the following command?
`for token in a b c; do echo -n ${token}; done`

- A. anbn cn
- B. abc
- C. \$token\$token\$token
- D. {a}{b}{c}
- E. a b c

Answer: B

NEW QUESTION 5

CORRECT TEXT

What word is missing from the following SQL statement?

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

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

- A.

Answer: VALUESvalues

NEW QUESTION 6

Which of the following are tasks handled by a display manager like XDM or KDM? (Choose TWO correct answers.)

- A. Start and prepare the desktop environment for the user.
- B. Configure additional devices like new monitors or projectors when they are attached.
- C. Handle the login of a user.
- D. Lock the screen when the user was inactive for a configurable amount of time.
- E. Create an X11 configuration file for the current graphic devices and monitors.

Answer: AC

NEW QUESTION 7

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?

- A. magic
- B. type
- C. file
- D. pmagic
- E. hash

Answer: C

NEW QUESTION 8

CORRECT TEXT

What is the lowest numbered unprivileged TCP port? (Specify the number in digits only.)

- A.

Answer: 1024

NEW QUESTION 9

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.)

- A.

Answer: jobs

NEW QUESTION 10

CORRECT TEXT

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.)

- A.

Answer: dpkg-reconfigure

NEW QUESTION 11

CORRECT TEXT

Which file specifies the user accounts that can NOT submit jobs via at or batch? (Provide the full path and filename)

- A.

Answer: /etc/at.deny

NEW QUESTION 12

CORRECT TEXT

Which command is used in a Linux environment to create a new directory? (Specify ONLY the command without any path or parameters.)

- A.

Answer: mkdir/usr/bin/mkdir

NEW QUESTION 13

CORRECT TEXT

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.)<https://lh3.googleusercontent.com/-5cd-clmKnbk/AAAAAAAAAAI/AAAAAAAAADM/-SXesH19Ido/s46-c-k-no/photo.jpg>

- A.

Answer: /etc/hosts.allow

NEW QUESTION 14

When trying to unmount a device it is reported as being busy. Which of the following commands could be used to determine which process is causing this?

- A. debug
- B. lsof
- C. nessus
- D. strace
- E. traceroute

Answer: B

NEW QUESTION 15

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: BCD

NEW QUESTION 16

Which character, added to the end of a command, runs that command in the background as a child process of the current shell?

- A. !
- B. +
- C. &
- D. %
- E. #

Answer: C

NEW QUESTION 17

CORRECT TEXT

Which command will display messages from the kernel that were output during the normal boot sequence?

- A.

Answer: dmesg/bin/dmesg

NEW QUESTION 18

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.
- C. The -e option tests for an empty file.
- D. Both options check the existence of the path.
- E. The -f option also confirms that it is a regular file.
- F. The -f option tests for a regular file.
- G. The -e option tests for an executable file.

Answer: C

NEW QUESTION 19

The script, script.sh, consists of the following lines:

```
#!/bin/bash echo $2 $1
```

Which output will appear if the command, ./script.sh test1 test2, is entered?

- A. test1 test2
- B. test2 test1
- C. script.sh test2
- D. script.sh test1
- E. test1 script.sh

Answer: B

NEW QUESTION 20

Why is the correct configuration of a system's time zone important?

- A. Because the conversion of Unix timestamps to local time relies on the time zone configuration.
- B. Because the time zone is saved as part of the modification times of files and cannot be changed after a file is created.
- C. Because the environment variables LANG and LC_MESSAGES are, by default, set according to the time zone.
- D. Because NTP chooses servers nearby based on the configured time zone.

Answer: A

NEW QUESTION 21

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