



**Vendor:** Linux Foundation

**Exam Code:** LFCS

**Exam Name:** Linux Foundation Certified System  
Administrator

**Version:** DEMO

**QUESTION 1**

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

**Answer: C**

**QUESTION 2**

Given a file called birthdays containing lines like:

```
YYYY-MM-DD Name  
1983-06-02 Tim  
1995-12-17 Sue
```

Which command would you use to output the lines belonging to all people listed whose birthday is in May or June?

- A. `grep '[56]' birthdays`
- B. `grep 05?6? birthdays`
- C. `grep '[0-9]*-0[56]-' birthdays`
- D. `grep 06 birthdays | grep 05`

**Answer: C**

**QUESTION 3**

Which keyword must be listed in the hosts option of the Name Service Switch configuration file in order to make host lookups consult the /etc/hosts file?

**Answer: files**

**QUESTION 4**

Which command can be used to delete a group from a Linux system?

- A. `groupdel`
- B. `groupmod`
- C. `groups`
- D. `groupedit`

**Answer: A**

**QUESTION 5**

How many IP-addresses can be used for unique hosts inside the IPv4 subnet 192.168.2.128/28? (Specify the number only without any additional information.)

**Answer: 14**

**QUESTION 6**

What is the purpose of the command mailq?

- A. It fetches new emails from a remote server using POP3 or IMAP.
- B. It is a multi-user mailing list manager.
- C. It is a proprietary tool contained only in the qmail MTA.
- D. It queries the mail queue of the local MTA.
- E. It is a command-line based tool for reading and writing emails.

**Answer: D**

**QUESTION 7**

A user accidentally created the subdirectory \dir in his home directory. Which of the following commands will remove that directory?

- A. `rmdir '~\dir'`
- B. `rmdir "~\dir"`
- C. `rmdir ~/dir'`
- D. `rmdir ~\dir`
- E. `rmdir ~\dir`

**Answer: E**

**QUESTION 8**

What is a purpose of an SSH host key?

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

**Answer: B**

**QUESTION 9**

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

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

**Answer: E**