



Linux Foundation Certified System Administrator

Linux Foundation LFCS

Version Demo

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QUESTION NO: 1

What is the purpose of the Bash built-in export command?

- A. It allows disks to be mounted remotely.
- B. It runs a command as a process in a subshell.
- C. It makes the command history available to subshells.
- D. It sets up environment variables for applications.
- E. It shares NFS partitions for use by other systems on the network.

ANSWER: D

QUESTION NO: 2 - (FILL BLANK)

Which command will disable swapping on a device? (Specify ONLY the command without any path or parameters.)

ANSWER: swapoff, /sbin/swapoff

QUESTION NO: 3 - (FILL BLANK)

Which command is used to sync the hardware clock to the system clock? (Specify ONLY the command without any path or parameters.)

ANSWER: hwclock, /sbin/hwclock, /usr/sbin/hwclock

QUESTION NO: 4

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

QUESTION NO: 5

What of the following can be done by the command `ifconfig`? (Choose TWO correct answers.)

- A. Set a network interface active or inactive.
- B. Specify the kernel module to be used with a network interface.
- C. Allow regular users to change the network configuration of a network interface.
- D. Change the netmask used on a network interface.
- E. Specify which network services are available on a network interface.

ANSWER: A D

QUESTION NO: 6

After moving data to a new filesystem, how can the former path of the data be kept intact in order to avoid reconfiguration of existing applications? (Choose TWO correct answers.)

- A. By creating an ACL redirection from the old to the new path of the data.
- B. By creating a hard link from the old to the new path of the data.
- C. By creating a symbolic link from the old to the new path of the data.
- D. By running the command `touch` on the old path.
- E. By mounting the new filesystem on the original path of the data.

ANSWER: C E

QUESTION NO: 7

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

- A. 9
- B. 19
- C. 49

D. 99

ANSWER: B

QUESTION NO: 8 - (FILL BLANK)

The system's timezone may be set by linking /etc/localtime to an appropriate file in which directory? (Provide the full path to the directory, without any country information)

ANSWER: /usr/share/zoneinfo/

QUESTION NO: 9

What is true regarding the file ~/.forward?

- A. As it is owned by the MTA and not writable by the user, it must be edited using the editaliases command.
- B. After editing ~/.forward the user must run newaliases to make the mail server aware of the changes.
- C. Using ~/.forward, root may configure any email address whereas all other users may configure only their own addresses.
- D. When configured correctly, ~/.forward can be used to forward each incoming mail to more than one other recipient.

ANSWER: D

QUESTION NO: 10

What does the command mount -a do?

- A. It mounts all available filesystems onto the current directory.
- B. It shows all mounted filesystems.
- C. It mounts all user mountable filesystems for the current user.
- D. It mounts all filesystems listed in /etc/fstab which have the option auto set.
- E. It mounts all filesystems listed in /etc/fstab which have the option noauto set.

ANSWER: D

QUESTION NO: 11

What does the command mount -a do?

- A. It ensures that all file systems listed with the option noauto in /etc/fstab are mounted.
- B. It shows all mounted file systems that have been automatically mounted.
- C. It opens an editor with root privileges and loads /etc/fstab for editing.
- D. It ensures that all file systems listed with the option auto in /etc/fstab are mounted.
- E. It ensures that all file systems listed in /etc/fstab are mounted regardless of their options.

ANSWER: D

QUESTION NO: 12 - (FILL BLANK)

With IPv6, how many bits have been used for the interface identifier of an unicast address? (Specify the number using digits only.)

ANSWER: 64

QUESTION NO: 13

Which of the following commands can be used to display the inode number of a given file?

- A. inode
- B. ls
- C. ln
- D. cp

ANSWER: B

QUESTION NO: 14

After modifying GNU GRUB's configuration file, which command must be run for the changes to take effect?

- A. kill -HUP \$(pidof grub)
- B. grub-install
- C. grub
- D. No action is required

ANSWER: D

QUESTION NO: 15

Which of the following keywords can be used in the file `/etc/nsswitch.conf` to specify a source for host name lookups?
(Choose TWO correct answers.)

- A. resolv
- B. dns
- C. remote
- D. files
- E. hosts

ANSWER: B D