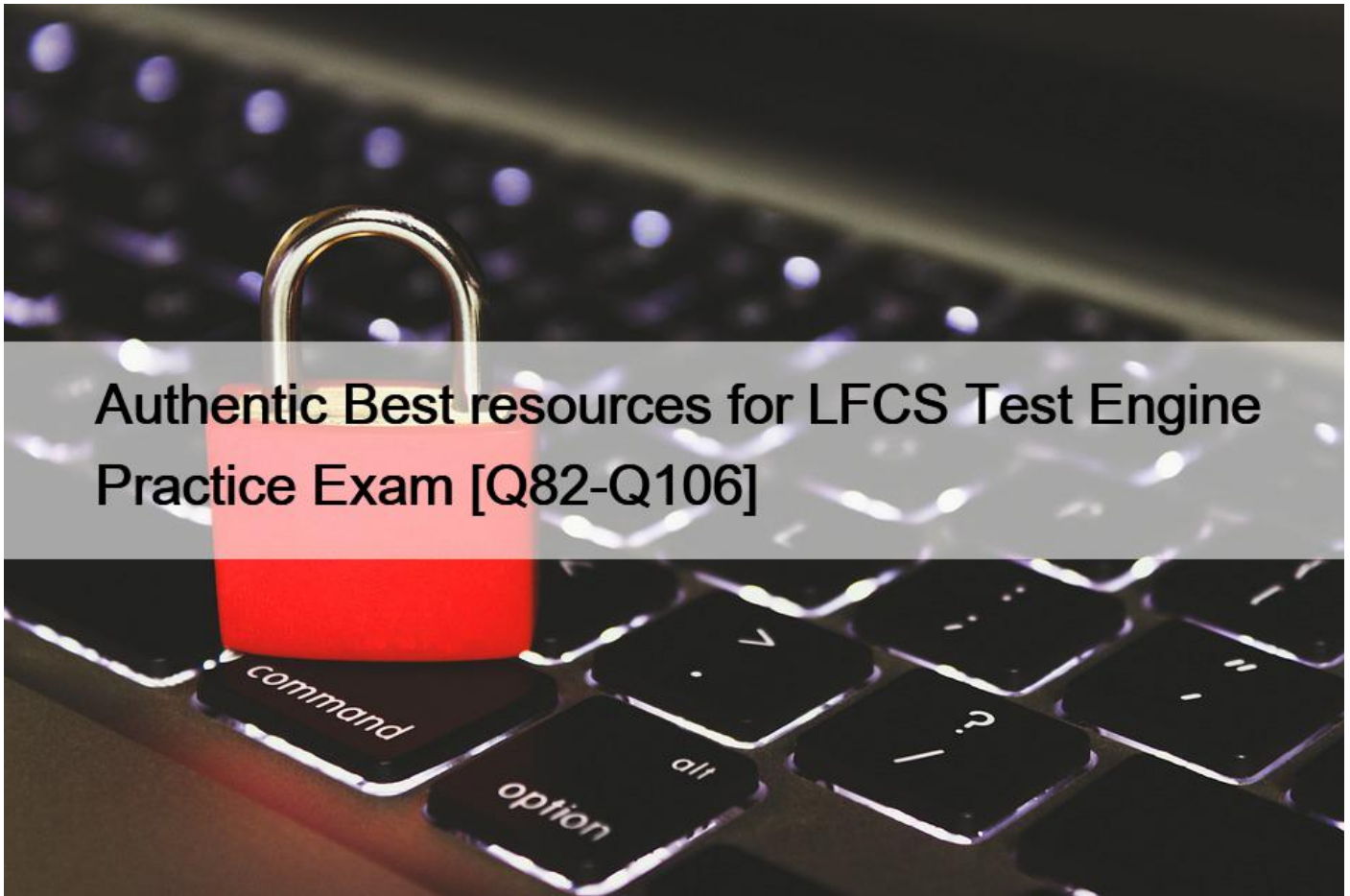


## Authentic Best resources for LFCS Test Engine Practice Exam [Q82-Q106]



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To prepare for the LFCS certification exam, candidates should have a solid understanding of Linux fundamentals, including command-line operations, file systems, and networking. They should also be familiar with Linux distributions, such as Ubuntu, Red Hat, and CentOS.

Linux Foundation Certified System Administrator (LFCS) exam is one of the most sought-after certifications in the IT industry for professionals who want to demonstrate their knowledge and skills in Linux system administration. Linux Foundation Certified System Administrator certification is designed to validate the skills and knowledge required for a career as a Linux system administrator, and it is recognized globally by the IT industry.

### QUESTION 82

Which of the following commands is used to update the list of available packages when using dpkg based package management?

- \* apt-get update
- \* apt-get upgrade
- \* apt-cache update
- \* apt-get refresh
- \* apt-cache upgrade

### QUESTION 83

Which of the following fields are available in both the global /etc/crontab file as well as in user-specific crontab files? (Select TWO correct answers)

- \* Year
- \* Minute
- \* Username
- \* Command

### QUESTION 84

Which of the following commands can be used to create a USB storage media from a disk image?

- \* gdisk
- \* dd
- \* cc
- \* fdisk
- \* mount

### QUESTION 85

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?

- \* test1 test2
- \* test2 test1
- \* script.sh test2
- \* script.sh test1
- \* test1 script.sh

### QUESTION 86

How is a display manager started?

- \* It is started by a user using the command startx.
- \* It is started like any other system service by the init system.
- \* It is started by inetd when a remote hosts connects to the X11 port.
- \* It is started automatically when a X11 user logs in to the system console.

### QUESTION 87

What can the Logical Volume Manager (LVM) be used for? (Choose THREE correct answers.)

- \* To create RAID 9 arrays.
- \* To dynamically change the size of logical volumes.
- \* To encrypt logical volumes.
- \* To create snapshots.
- \* To dynamically create or delete logical volumes.

### QUESTION 88

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

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

### QUESTION 89

How can the current directory and its subdirectories be searched for the file named MyFile.xml?

- \* find . -name MyFile.xml
- \* grep MyFile.xml | find
- \* grep -r MyFile.xml .
- \* less MyFile.xml
- \* search Myfile.xml ./

### QUESTION 90

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

- \* tr -s; ; < a.txt > b.txt
- \* tr -c ; ; < a.txt > b.txt
- \* tr -d ; ; < a.txt > b.txt
- \* tr -r ; ; < a.txt > b.txt
- \* tr -s ; ; < a.txt > b.txt

### QUESTION 91

Which of the following commands can be used to locate programs and their corresponding man pages and configuration files?

- \* dirname
- \* which
- \* basename
- \* query
- \* whereis

### QUESTION 92

Which of the following commands overwrites the bootloader located on /dev/sda without overwriting the partition table or any data following it?

- \* dd if=/dev/zero of=/dev/sda bs=512
- \* dd if=/dev/zero of=/dev/sdabs=512 count=1
- \* dd if=/dev/zero of=/dev/sda bs=440 count=1
- \* dd if=/dev/zero of=/dev/sda bs=440

### QUESTION 93

Which of the following steps prevents a user from obtaining an interactive login session?

- \* Run the command `chsh -s /bin/false` with the user name.
- \* Set the UID for the user to 0.
- \* Remove the user from the group `staff`.
- \* Add the user to `/etc/noaccess`.
- \* Create a `.nologin` file in the user's home directory.

### QUESTION 94

Which command makes the shell variable named `VARIABLE` visible to subshells?

- \* `export $VARIABLE`
- \* `export VARIABLE`
- \* `set $VARIABLE`
- \* `set VARIABLE`
- \* `env VARIABLE`

### QUESTION 95

CORRECT TEXT

In an `xinetd` configuration file, which attribute specifies the network address that will be used to provide the service?  
`bind`, `interface`

### QUESTION 96

CORRECT TEXT

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

`hwclock`, `/sbin/hwclock`, `/usr/sbin/hwclock`

### QUESTION 97

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

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

### QUESTION 98

Which of the following commands will send output from the program `myapp` to both standard output (`stdout`) and the file `file1.log`?

- \* `cat < myapp | cat > file1.log`
- \* `myapp 0>&1 | cat > file1.log`
- \* `myapp | cat > file1.log`
- \* `myapp | tee file1.log`
- \* `tee myapp file1.log`

### QUESTION 99

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

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

### QUESTION 100

Which of the following commands reboots the system when using SysV init? (Choose TWO correct answers.)

- \* shutdown -r now
- \* shutdown -r &#8220;rebooting&#8221;
- \* telinit 6
- \* telinit 0
- \* shutdown -k now &#8220;rebooting&#8221;

### QUESTION 101

Which of the following command sequences overwrites the file foobar.txt?

- \* echo &#8220;QUIDQUIDAGIS&#8221; >> foobar.txt
- \* echo &#8220;QUIDQUIDAGIS&#8221; < foobar.txt
- \* echo &#8220;QUIDQUIDAGIS&#8221; > foobar.txt
- \* echo &#8220;QUIDQUIDAGIS&#8221; | foobar.txt

### QUESTION 102

Which of the following commands lists the dependencies of a given dpkg package?

- \* apt-cache depends-on package
- \* apt-cache dependencies package
- \* apt-cache depends package
- \* apt-cache requires package

### QUESTION 103

Which command will display the last line of the file foo.txt?

- \* head -n 1 foo.txt
- \* tail foo.txt
- \* last -n 1 foo.txt
- \* tail -n 1 foo.txt

### QUESTION 104

When running the command `sed -e &#8220;s/a/b/&#8221; /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 105

Which of the following commands can be used to determine how long the system has been running? (Choose TWO correct answers.)

- \* uptime
- \* up
- \* top
- \* uname -u
- \* time -up

### QUESTION 106

Which of the following is the device file name for the second partition on the only SCSI drive?

- \* /dev/hda1
- \* /dev/sda2
- \* /dev/sd0a2
- \* /dev/sd1p2

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