

Linux Certification Practice Exams 101

Question 1 of 25

What command can be run in the bash shell, to prevent accidentally overwriting a file. E.g. to prevent you from overwriting a file using a > redirect in the current shell.

Question 2 of 25

Which section of the man pages holds the file formats?

- man1
- man2
- man3
- man4
- man5
- man6
- man7
- man8
- man9

Question 3 of 25

Which of the following will run command2, only if command1 is successful.

- command1 > command2
- command1 & command2
- command1 && command2
- command1 | command2
- command1 || command2

Question 4 of 25

True or false: A normal user can provide a negative nice value on a command to allow it to run more favourably.

- true
- false

Question 5 of 25

Which of the following command is most suitable for creating an ISO image from a CD-ROM? Choose the most appropriate answer.

- cc
- cp
- cpio
- dd
- tar

Question 6 of 25

Which of the following will update package.rpm, only if an earlier version is already installed?

- rpm -u package.rpm

rpm -U package.rpm
rpm -F package.rpm
rpm -f package.rpm

Question 7 of 25

What command is used to remove a variable from the bash shell?

Question 8 of 25

When typing at the shell, what character can be used to split a command across multiple lines.

Question 9 of 25

When creating a disk partition for a Linux Operating System Partition (e.g. to install an ext3 filesystem) what type should it be set to?

28
38
82
83
100

Question 10 of 25

Which of the following commands can be used to install a debian package? Choose all that apply.

dpkg
debian-add
aptget
apt-get
rpm

Question 11 of 25

Which of the following permissions have the SUID value set?

4755
2755
1755

Question 12 of 25

What command can be used to poweroff a Linux computer first notifying logged in users about the planned event? Just enter the command without any options.

Question 13 of 25

Which of the following is true when comparing the ext2 and ext3 filesystems, in normal use? Select the two most appropriate answers.

ext3 is the same as ext2 with added journaling
ext3 is faster than ext2
ext2 is faster than ext3

ext3 can handle bigger disks than ext2
ext2 and ext3 are completely different filesystems

Question 14 of 25

Fill in the blank.

If you change the system to runlevel _____ the system will reboot?

Question 15 of 25

What option on the rm command will prompt for confirmation before each file is deleted?

- ask
- noclobber
- r
- f
- i

Question 16 of 25

What is the option that can be used on the uniq command to only show duplicate lines in a file.

uniq-----filename

Question 17 of 25

Would a user (not root) other than the owner be able to read a file with permission 744

- yes
- no

Question 18 of 25

What is the numerical value of the SIGHUP signal, often used with the kill command to cause a daemon to reload its configuration file?

Question 19 of 25

The following shows the first few entries from the lsusb command on a Linux system.

```
$ lsusb
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 002 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 003 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 004 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 003 Device 002: ID 413c:2005 Dell Computer Corp. RT7D50 Keyboard
...
```

Which of the following will just show the Keyboard entry using the Bus and Device:

- lsusb -s 002:003
- lsusb -s 003:002

lsusb -d 002:003
lsusb -d 003:002

Question 20 of 25

Which command has been run to show the following output (command only - no path or switches)

Bus 002 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 006 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 005 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 003 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 004 Device 006: ID 040d:6205 VIA Technologies, Inc. USB 2.0 Card Reader
Bus 004 Device 005: ID 0d8c:000c C-Media Electronics, Inc. Audio Adapter
Bus 004 Device 004: ID 05e3:0608 Genesys Logic, Inc. USB-2.0 4-Port HUB
Bus 004 Device 003: ID 5543:0004 UC-Logic Technology Corp. Genius MousePen 5x4 Tablet
Bus 004 Device 002: ID 09da:0006 A4 Tech Co., Ltd Optical Mouse WOP-35 / Trust 450L Optical Mouse
Bus 004 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 001 Device 062: ID 10df:0500 In-Win Development, Inc. iAPP CR-e500 Card reader
Bus 001 Device 003: ID 059b:0275 Iomega Corp.
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

Question 21 of 25

What command can be used to merge together two files line-by-line based on a common field? Enter then name of the command only, no path.

Question 22 of 25

What command prints the shared libraries required by a specific program.
Enter the command name only (no parameters or path).

Question 23 of 25

Which of the following will output both the standard output and the standard error to the file output.txt? Choose the most appropriate answer.

command >output.txt 2>output.txt
command 1&2>output.txt
command >output.txt 2>&1
command >output.txt 2>+1
command 2+1>output.txt

Question 24 of 25

Choose the appropriate missing word.
A _____ link cannot span across different filesystems.

hard
symbolic