

SIMTEST 1 (From cert21 LPI)

(1) You want to locate the executable files that are supposed to be accessible by all of the users. Type the path you will look into :

(4) You are configuring mount points. Which of the following directories hold the mount points (Choose all that apply)?

- A. /mt
- B. /mntpt
- C. /mount
- D. /mnt
- E. /mounts

(6) You are arranging your files and directories. Which of the following directories is often used to hold entries not likely to be changed frequently?

- A. /etc
- B. /usr
- C. /tmp
- D. /dev
- E. /home
- F. /var
- G. None of the choices.
- H. /root

(8) You are arranging your files and directories. Which of the following directories is often used to hold log files?

- A. /usr
- B. /tmp
- C. /var
- D. /root
- E. None of the choices.
- F. /home
- G. /dev
- H. /etc

(11) You need to change the permission on an existing file. You plan to use the `chmod` command. With this command, what values can be accepted (Choose 2)?

- A. Boolean
- B. Symbolic
- C. Expressions
- D. None of the choices.
- E. Numeric

(13) You plan to use the `chmod` command with numeric values.

You add 2000 to the value. What is the result?

- A. Superuser is enabled
- B. Root account is enabled
- C. SUID permission is on
- D. None of the choices.
- E. "sticky bit" is turned on
- F. SGID permission is on

(16) You need to change the group that is associated with one of your files.

Type the simplest command you will use :

(18) You are managing the files on your system. You need to create links.

Which of the following correctly describe a hard link (Choose all that apply)?

- A. It is an alias to your file
- B. All of the aliases will share the common inode
- C. It is an alias to the directory
- D. Each alias will use its own inode
- E. None of the choices.

(20) You want to users' disk space consumption. You want to turn on the `quota` function.

Type the simplest command you will use :

(24) You are configuring file permissions. When you create a file, how do you affect the default permission?

- A. None of the choices.
- B. By setting symbolic link
- C. By setting hard link
- D. By setting default UID
- E. By setting the `umask` value

(28) You want to deploy disk `quotas`. In Linux, `quotas` can be applied to restrict disk usage by which of the following (Choose all that apply)?

- A. None of the choices.
- B. Remote mounts
- C. Groups
- D. Users
- E. Kernel

(30) You are configuring the file system. You are told that there are some remote filesystems that should be mounted. Type the simplest command you will use for mounting :

(33) You want to have several commands joining on the command line.
What do you use?

- A. %
- B. @
- C. ;
- D. None of the choices.
- E. \$
- F. !

(36) You want to select a new version of Linux to upgrade to. The shell is a factor to consider. Which of the following correctly describe the availability of SHELLS in the Linux distributions?

- A. You may most likely find multiple shells available on each distribution.
- B. You may most likely find multiple shells running simultaneously on each distribution.
- C. None of the choices.
- D. You may most likely find one shell being superior than the others.
- E. You may most likely find one shell being embedded in the kernel.

(40) You need to view a text file on your drive. You only want to view the top though.
Type the simplest command you will use :

(44) Which of the following Linux commands is known as being capable of cropping text so that the text can fit a line's character limit?

- A. expand
- B. fmt
- C. pr
- D. chtab
- E. None of the choices.

(49) Mary wants to know what command she can use to change tabs into spaces.
Type the simplest command you will use :

(51) Mary just pulled out some fields from a file she created. Which of the following commands can she use to combine these fields (Choose all that apply)?

- A.paste
- B.join
- C.combine
- D.fieldsjoin
- E.fj
- F.tr
- G.None of the choices.

(54) You have a file with important company business secrets. Type the simplest command you will use to count the number of words in the file :

(57) You need to move files between different drives.
Type the simplest command you will use :

(60) You need to clean up some of the files in your drive. To have the `sales` directory (empty) deleted, what command will you use?

- A.rm
- B.del
- C.er
- D.erase
- E.rmdir
- F.None of the choices.

(63) Mary currently is in one of the divisional directories within the sales directory. How could she find out exactly where she is now?
Type the simplest command you will tell her to use :

(65) You are running a program that requires the use of the standard output.
Which of the following is considered as standard output?

- A.Keyboard
- B.Mouse
- C.Touchscreen
- D.Floppy
- E.Hard drive
- F.Monitor
- G.All of the choices

(67) June is running an accounting program. She wants to send the output to more than one location. Type the simplest command you will ask her to use :

(69) What is the feature in Linux that allows you to run your commands over again, saving the time of retyping them?

- A.Command history
- B.Command summary

- C.Command edit
- D.Command reentry
- E.Shortcut keys
- F.Hot keys
- G.None of the choices.

(71) You are running couple commands together. Which of the following statements is true?

- A.every command spans a minimum of one process
- B.all commands share the same process
- C.every command spans a minimum of one task
- D.all commands share the same task
- E.None of the choices.

(75) You are running some processes in the foreground. You want to move them to the background. How should this be done?

- A.Ctrl+Z then 'bg'
- B.Ctrl+X
- C.Ctrl+C then bg
- D.bg
- E.fg
- F.None of the choices.

(77) You are running some jobs in the background. How do you eradicate one of them? Type the simplest command you will use :

(79) You are running some jobs on your system. You want to change the priority level of one of the running jobs. Type the simplest command you will use :

(83) You need to format a partition you created before. Type the simplest command/tool you will use to accomplish this :

(87) You want to obtain a list of inodes within your filesystem. From the inodes, you obtain some dates about the creation and modification of the files. You want to change these dates. Type the simplest command you will use :

(91) You need to search your system for files that meet two different sets of criteria. Type the simplest command you will use :

(95) You need to update the database used by the `locate` command. You want the update to be performed automatically. Type the filename and the full path of the configuration file you will use :

(99) You are troubleshooting your system. You need to locate the system log events. Type the full path of the location of the events :

(103) You are troubleshooting your system. You want to configure the system log daemon. Type the filename name and full path of the configuration file you will modify :

(106) You are configuring the system `run level`. At which `run level` will the system be suitable of power off?

- A.Run level 0
- B.Run level 1
- C.Run level 2
- D.Run level 3
- E.Run level 4
- F.Run level 5
- G.Run level 6
- H.None of the choices.

(107) You are configuring the system `run level`. At which `run level` will the system be in single user mode, suitable for performing system management works?

- A.Run level 0
- B.Run level 1
- C.Run level 2
- D.Run level 3
- E.Run level 4
- F.Run level 5
- G.Run level 6
- H.None of the choices.

(110) You are configuring the system `run level`. At which run level will the system be rebooted?

- A.Run level 0
- B.Run level 1
- C.Run level 2
- D.Run level 3
- E.Run level 4
- F.Run level 5
- G.Run level 6
- H.None of the choices.

(113) You want to read the content of a text file. You want the pages to be displayed one screen at a time, forward only. Type the simplest command you will use :

(117) You want to look for the location holding manual pages about the descriptions of the various configuration files. Type the full path of this location :

(121) You are unsure of the command syntax of an utility you are about to execute. You enter the executable name of the utility. What should follow so that you can display help on the syntax? Type the parameter/option you will use :

(125) You are configuring the user account for `Jay`. At which field inside the password file is Jay's password stored?

- A.The fourth field
- B.The fifth field
- C.The third field
- D.None of the choices.
- E.The first field
- F.The second field

(129) You are configuring the user account for `Jay`. At which field inside the password file is Jay's home directory location specified?

- A.The first field
- B.The second field
- C.The third field
- D.The fourth field
- E.The sixth field
- F.The fifth field
- G.The seventh field
- H.None of the choices.

(132) You need to remove the user `Mary`. You do not want to configure files manually. Type the simplest command you will use :

(136) You are configuring groups on your Linux server. You worry about the password security. To improve security, the group passwords can be moved to what location? Type the filename and the full path of the file you will use :

(139) You need to delete the entire `SALES` group. You do not want to configure files manually. Type the simplest command you will use :

(143) On your Linux server, which directory or file holds the environment variables that can be applied to the users on a per user basis? Type the filename and the full path of the file :

(146) You want to find out which user logged onto your Linux system most recently and has not yet logged off. Type the simplest command you will use :

(149) You are configuring jobs to be executed according to schedule. You want the job to run for one time only. Type the simplest command you will use :

(152) You are configuring jobs to be executed according to schedule. You believe that you need to restrict people from using the `at` service. What two files would you need to edit (Choose 2)?

- A. `allow.at`
- B. `at.allow`
- C. `at.deny`
- D. None of the choices.
- E. `deny.at`

(155) You are configuring jobs to be executed according to schedule. You believe that you need to restrict people from using the `cron` service. What two files would you need to edit (Choose 2)?

- A. `allow.cron`
- B. `cron.allow`
- C. None of the choices.
- D. `deny.cron`
- E. `cron.deny`

(157) You need to backup some of your files. You want to copy files to a different media.
Type the simplest command you will use :

(159) You are configuring the `crontab` table. What is the valid range of hours a job can be set to run?

- A. Range 1-24
- B. Range 0-11
- C. Range 1-23
- D. Range 0-24
- E. Range 1-12
- F. None of the choices.
- G. Range 0-23

Simtest 1 - Answers

1. /bin
4. D./mnt
6. B./usr
8. C./var
11. B.Symbolic
E.Numeric
13. F.SGID permission is on
16. chgrp
18. A.It is an alias to your file
B.All of the aliases will share the common inode
20. quotaon
24. E.By setting the umask value
28. C.Groups
D.Users
30. mount
33. C. ;
36. A.You may most likely find multiple shells available on each distribution.
40. head
44. B.fmt
49. expand
51. A.paste
B.join
54. wc
57. mv
60. E.rmdir
63. pwd
65. F.Monitor
67. tee
69. A.Command history
71. A.every command spans a minimum of one process
75. A.Ctrl+Z then 'bg'
77. kill
79. renice
83. mkfs
87. touch
91. find
95. /etc/updatedb.conf
99. /var/log/messages
103. /etc/syslog.conf
106. A.Run level 0
107. B.Run level 1
110. G.Run level 6
113. more
117. /usr/man/man5
121. --help
125. F.The second field
129. E.The sixth field
132. userdel
136. /etc/gshadow
139. groupdel
143. \$HOME/.profile or ~/.profile
146. who
149. at
152. B.at.allow
C.at.deny
155. B.cron.allow
E.cron.deny
157. cpio or tar

159. G.Range 0-23