

Simulados LPI

Neste documento disponibilizamos simulados da LPIC-1, provas 101 e 102, para você poder treinar e se preparar para encarar os exames da certificação LPI. No final, estão os gabaritos das duas provas para você conferir os seus resultados. Bons estudos e boa sorte!

Simulado - Prova 101

1 - Martin calls you on the telephone. He has a file named "marketinfo" that has 56,000 lines in it, and he wants to see only the last 10,000. Which of the following commands should you tell him to run?

- A) tail +46000 marketinfo
- B) tail +10000 marketinfo
- C) tail -46000 marketinfo
- D) head +46000 marketinfo
- E) head -10000 marketinfo
- F) tail +46001 marketinfo

2 - At the command line, Tim has given the command TODAY=Friday. Which of the following will show that the variable TODAY is equal to a value of Friday?

- A) set
- B) env
- C) show
- D) display

3 - Which of the following commands will send the errors from the abc application to a file, but not the standard output?

- A) abc > abc.error
- B) abc 2 > abc.error 2>&1
- C) abc 2> abc.error
- D) abc >> abc.error

4 - You wish to combine two files together such that the fields from each file are combined into a single output file. The first field of each of the two starting files is identical-equal to the employee number. Which utility should you use to create the output file?

- A) join
- B) paste
- C) cat
- D) od
- E) sort

5 - Tim has a large file that exceeds the size of a floppy's storage capacity. He wants to put the file on two floppies so he can take it with him when he joins the competition. What command can he use to make the file fit two floppies?

- A) nl
- B) cut
- C) fmt
- D) split

6 - You wish to find all the five-letter files in the current directory that end with the letter "c". What command should you use?

- A) ls *c
- B) ls *c*
- C) ls ???c
- D) ls ???c*

7 - Karen wants to sort the "defg" file and display its results on her screen. She also wants a copy of the sorted results to be saved in a file named "defg.sorted". What command should she use?

- A) sort defg > defg.sorted 2>&1
- B) sort defg | tee defg.sorted
- C) sort defg ; tee defg.sorted
- D) defg > tee defg.sorted

8 - Evan must run a cleanup utility every night until the programmers can fix the code that is causing problems on his system. This utility is very verbose and displays a message for every line of a file it goes through. Where can Evan send the output to avoid it being displayed on his screen or filling up a file?

- A) /dev/null
- B) /root
- C) /dev/root

- D) /dev
- E) /null

9 - Kristin started a process 3 hours ago that ties up many system - resources. She has written down in her documentation that she is supposed to start it at a lower priority, but she forgot to do so. What utility can she use at this point to reduce the priority of the process?

- A) nice
- B) ps
- C) top
- D) jobs
- E) renice

10 - Spencer has a notation from the central office that he is to run the *zzzz* utility today on his system and that it will probably run for 4 hours. The note says that he will need to start the job in the background. What syntax should he use to do this?

- A) bg *zzzz*
- B) *zzzz* bg
- C) *zzzz* &
- D) & *zzzz*

11 - Spencer forgot to start the job in the background, and it is currently running in the foreground. What should Spencer first type on his keyboard to move the job to the background?

- A) bg
- B) jobs
- C) fg
- D) ^Z

12 - What search criteria would best be used to find the lines within the BRIO.TXT file about disks?

- A) grep disks BRIO.TXT
- B) find disks BRIO.TXT
- C) sed disks BRIO.TXT
- D) search disks BRIO.txt

13 - Which of the following characters must exist for a path to be considered a relative path (rather than an absolute path)?

- A) \
- B) .
- C) ?
- D) #

14 - Madonna needs to change the permissions on the file "hope" (which are currently equal to 700) such that the group has read and write permissions, and other has only read. Which command will allow her to perform this change?

- A) `chmod g+rw:o+r hope`
- B) `chmod go+r,o-w hope`
- C) `chmod g+rw,o+r hope`
- D) `chmod g+rw;o+r hope`

15 - Tony has used the command `cat > fileone` to start creating a file. He is now in the middle of a line and would like to quit and save the text he has entered. What must he do?

- A) Press `^D` once
- B) Press `^Z` once
- C) Press `^D` twice
- D) Press `^Z` twice
- E) Press `^Z` followed by `^D`

16 - You suspect that Maude is taking up an enormous amount of disk space with images she is saving from Web sites. You know for a fact that because of the way permissions are set, the only place she can be saving these files is beneath her home directory. What tool can you use to see how much disk space she is using beneath her home directory?

- A) `quota`
- B) `quotaon`
- C) `df`
- D) `du`

17 - You are the administrator for ACME Plumbing. Due to recent growth, you have had to expand from the simple system you once had to something considerably more complicated. When your system comes up, you want to configure it to mount a number of remote filesystems

automatically. What file must you edit to include the remote filesystems for automatic mounting?

- A) /etc/inittab
- B) /etc/fstab
- C) /etc/group
- D) /dev/mnt

18 - What would be the minimal permission(s) needed on a directory to be able to save a file within that directory?

- A) read
- B) write
- C) execute
- D) read and write

19 - What are the default permissions assigned to a newly created file if the umask is set to 44?

- A) -rw--w--w-
- B) --w--w--w-
- C) -rw-r--r--
- D) -r--r--r--

20 - What are the default permissions assigned to a newly created directory if the umask is set to 44?

- A) d-wx-wx-wx
- B) d-wx-----
- C) drwx-wx-wx
- D) drwxr--r--
- E) drw-r--r--
- F) dr--r--r--

21 - As the administrator for D S Technical, you have created a script file users can run that will query their system and write an inventory of what they have into a text file. Due to its sensitive nature, the script must be run by root. The script must be run from each machine in order to work, and you have no inclination to spend 2 days walking from machine to machine running it. You decide to send email to the users telling them that they must run the script before the end of the day, and you give them the location to the file. What permissions should you assign to the file if it is currently owned by the root owner and root group?

- A) 777
- B) 1777
- C) 0777
- D) 4777

22 - You have created a script file named "getall" in your home directory (/home/workerbee), which you are currently working in. You assign permissions of 744 to the file and want to run it. By default, which of the following commands will execute the script?

- A) getall
- B) /usr/workerbee/getall
- C) /getall
- D) ../getall

23 - Which of the following log files is considered to be the "system" log?

- A) /var/log/system
- B) /var/log/messages
- C) /etc/lilo.conf
- D) /etc/modules.conf

24 - Which command can you give to find out which manual subdirectories (and only manual subdirectories) have entries for nice?

- A) whereis nice
- B) whatis nice
- C) which nice
- D) man nice

25 - Which of the following variables determines which utility is used to display manual pages when the man command is used?

- A) MORE
- B) MANPAGER
- C) MAN
- D) PAGER

26 - Madison has added the commercial DSTECH editor (version 3.5.7) to her system. No printed documentation accompanied the CD, and now she wants to read the online documentation. Where should the documentation now reside?

- A) /usr/man/man8/DSTECH
- B) /usr/doc/DSTECH-3.5.7
- C) /usr/man/man8/DSTECH-3.5.7
- D) /usr/doc/3.5.7/DSTECH
- E) /usr/doc/DSTECH/3.5.7
- F) /usr/man/man8/DSTECH/3.5.7gz

27 - Which field of the /usr/passwd file contains free text that allows you to enter a description about the user?

- A) 5
- B) 4
- C) 3
- D) 2
- E) 1
- F) None

28 - In which files can passwords for users exist?

- A) password
- B) gpasswd
- C) shadow
- D) gshadow

29 - When creating users, Martin would like to have a number of template files automatically copied into their home directories. Where should these template files be placed?

- A) /etc/skel
- B) /home/skel
- C) /root/skel
- D) /skel

30 - You have created a new directory (/system/bin) that holds utilities you have written for internal use. After careful debugging and testing, all users on your system should be able to access these files. In order to do so, the directory needs to be added to the PATH statement. How

would you best add this directory to the path of your existing 16 users?

- A) Add it to /etc/profile.
- B) Add it to /etc/skel.
- C) Add it to the .profile in each user's home directory.
- D) Make it the sixth field of each user's /etc/passwd entry.

Simulado - Prova 102

1 - Karen is going on maternity leave for 6 weeks. Whether she will return after the 6 weeks is unknown at this time, but you have been told to act as if she will. How can you best disable her account while she is gone?

- A) Delete her .profile file in the home directory.
- B) Change her password to an entity that only you know.
- C) Add a pound sign as the first character of her entry in /etc/passwd.
- D) Use the userdel command to disable her account temporarily.

2 - Which type of backup can be used to get all the files that have been changed or created since the last full backup was done, even if a number of smaller backups have been done in the interim?

- A) Incremental
- B) Differential
- C) Common
- D) Component

3 - You wish to have an application run every night at 9:15P.M. What should the specification in the crontab file resemble?

- A) * 15 22 * *
- B) * 22 15 * *
- C) 22 15 * * *
- D) 15 22 * * *
- E) * * 15 22 *
- F) * * 22 15 *
- G) * * * 22 15
- H) * * * 15 22

4 - You wish to allow all users except the three temporary employees to use the at functions. The three temporary employees are Bob, Jan, and Shannon. Where should the restriction for them be placed?

- A) at.allow
- B) cron.allow
- C) cron.deny

D) at.deny

5 - You are showing a new user how to combine two files into a single file by appending the output of one to the end of another. You tell him that he " should never use the following syntax: cat fileone filetwo > fileone What is your reason?

- A) The cat command will read only one file at a time.
- B) Two greater-than signs (>>) must always be used when combining files.
- C) Using "cat >" and going to the same file you are reading from first empties the contents.
- D) You can combine files in this way.

6 - To find the current time on a system, what is the command to use?

- A) time
- B) date
- C) env
- D) set

7 - To find what directory you are currently in, what is the command to use?

- A) PWD
- B) cd
- C) where
- D) None of the above

8 - All of the following can be sources of information about the DSTECH editor except which one?

- A) /usr/doc/DSTECH
- B) DSTECH --help
- C) Accompanying .pdf files on the media
- D) The dstech.com Web site

9 - When creating a login name for a new user, which rule(s) should you adhere to?

- A) Use something unlikely to be easily guessed.
- B) Keep it simple.
- C) Change it often.
- D) All of the above.

10 - Text files created in Linux and accessible at the command line can be viewed with which utility?

- A) l
- B) type
- C) cat
- D) All of the above

11 - The mv command can be used to perform which function(s)?

- A) Move a file from one directory to another
- B) Rename a file in the same directory
- C) Move and rename a directory
- D) All of the above

12 - Fields within a file can be delimited by what?

- A) Colons
- B) Spaces
- C) Pipes
- D) Any printable character

13 - System background processes running in Linux are known as what?

- A) Inodes
- B) Superblocks
- C) Daemons
- D) Services

14 - Which of the following is not an example of a daemon?

- A) ps
- B) init
- C) cron
- D) syslogd
- E) atd

15 - What are runlevels?

- A) The amount of time it takes for jobs to run

- B) States that control what a machine can do
- C) Process command numbers
- D) Networking limitations

16 - Home directories can be determined by which of the following?

- A) /etc/passwd
- B) /etc/profile
- C) &HOME
- D) System adm

17 - Which of the following characters signifies the beginning of comments within a HOSTS file?

- A) @
- B) \$
- C) !
- D) #

18 - The command `grep a[o-t]` would find which of the following matches?

- A) task
- B) act
- C) tort
- D) atc
- E) a

19 - Which of the following commands contain an error that will prevent them from executing?

- A) `ls -l *.txt`
- B) `ls -l -t *.txt`
- C) `TERM = vwpt`
- D) `chown 777 fileone`

20 - The command `fgrep karen kristin` will do what?

- A) Find all files containing "karen" and "kristin" in their file names
- B) Not run-grep is needed
- C) Find every occurrence of "karen" in the file "kristin"
- D) Find every occurrence of "kristin" in the file "karen"

21 - The command `grep banner[^s] fileone` will do what?

- A) Find every occurrence of words starting with "banner" .
- B) Find every word starting with "banner" at the beginning of a line
- C) Find every word starting with "banner" at the end of a line
- D) Find "banner", "banning", and so on, but not "banners"

22 - What is the numeric value of the permissions `-rwsrw-rw-` ?

- A) 766
- B) 755
- C) 744
- D) 722
- E) 711
- F) 1766
- G) 1744
- H) 2766
- I) 2744
- J) 4766
- K) 4777
- L) 4744
- M) 4666

23 - Which `/usr/man` subdirectory would contain the manual pages for root operator utilities?

- A) man1
- B) man4
- C) man5
- D) man8

24 - Which of the following utilities can be used to compress multiple files into a single archive?

- A) gzip
- B) cpio
- C) tar
- D) zcat

25 - Jerry wants to use the `find` command to get a list of all the files on his system with the extension `.txt`. Once found, he wants to search through each of them (using `grep`) to see which

ones contain the phrase "CDRW purchase proposal". What should he use to combine the find and grep operations? y

- A) A semicolon (;)
- B) xargs
- C) The output redirect character (>)
- D) join

26 - The file "oursystem.commands" was created on an ancient terminal that had only uppercase characters. The file was supposed to be a shell script and now will not run because all commands appear in uppercase. The entire file needs to be converted to lowercase. What utility can be used for this purpose?

- A) tac
- B) od
- C) tr
- D) expand

27 - Harold has a file with a large number of figures in it. He sorted the file, trying to put it in order from lowest to highest dollar amount spent, but it came out in an odd order (1, 10, 11, 100, 111, 2, 3, and so on). What option should Harold use to sort the file in the order desired?

- A) -n
- B) -r
- C) -b
- D) -f

28 - By default, beneath which directory would nonchanging system information and documentation most likely be found?

- A) /etc
- B) /var
- C) /usr
- D) /home

29 - Which entry in the inittab file identifies the runlevel the system should attempt to go to on the next boot?

- A) id
- B) s0



- C) bw
- D) pf

30 - Which runlevel would be equal to completely powering the system off?

- A) 0
- B) 1
- C) 2
- D) 5
- E) 6

31 - Which of the following commands will return the current time?

- A) echo 'date'
- B) echo 'date'
- C) echo "date"
- D) echo \$DATE

32 - Which command can be used to count the number of words in a text file?

- A) tr
- B) tc
- C) cw
- D) wc

GABARITOS

Simulado 101

1-F	11-D	21-D
2-A	12-A	22-B
3-C	13-B	23-B
4-A	14-C	24-B
5-D	15-C	25-D
6-C	16-D	26-B
7-B	17-B	27-F
8-A	18-B	28-C
9-E	19-A	29-A
10-C	20-C	30-A

Simulado 102

1-C	10-C	19-C	28-C
2-B	11-D	20-C	29-A
3-D	12-D	21-D	30-A
4-D	13-C	22-J	31-A
5-C	14-A	23-D	32-D
6-B	15-B	24-C	
7-D	16-A	25-B	
8-B	17-D	26-C	
9-B	18-A	27-A	