

Linux administration: Section 1 – where to start

Questions

Please read the following questions carefully and try to answer them. You can find the correct answers, with an explanation where appropriate, in the answers.pdf file.

1. One of the main duties of a Linux administrator is to possess all the skills of a programmer
 - a. True
 - b. False
2. The most important thing to care about when doing a backup is:
 - a. To ensure that the backup media can be used to make a restore
 - b. To store backup media in a secure physical location
 - c. To make sure backups do not take a lot of time
 - d. To decrease the space required for backup as much as possible
3. What does the following mean: “A system administrator should not be a fire fighter”?
 - a. You should not try to put off fire and, instead, call fire fighters
 - b. You should not learn industrial safety
 - c. You should not wait for a disaster to happen. However, you should take all precautions necessary to mitigate any risks
 - d. Fire fighting is not part of your job description
4. A Linux administrator should memorize each and every Linux command under the sun:
 - a. True
 - b. False
5. There is only one distribution of Linux; Red Hat:
 - a. True
 - b. False
6. Man pages are used to find help for Linux commands only:
 - a. True
 - b. False
7. If you want to view the man page for the httpd.conf file; you’d use the following man number:
 - a. 1
 - b. 2
 - c. 3
 - d. 5
8. If you want to search for a keyword in all the man pages available, both in the title and in the documentation, you use the following command:
 - a. `man -a`

- b. `man -b`
 - c. `man -k`
 - d. `man -c`
9. Want to search for a keyword, but you want to match only the title of a man page. You use the following command:
- a. `man -af`
 - b. `man -k`
 - c. `man -c`
 - d. `man -b`
10. If you type a command that requires arguments without supplying any, most probably, the command will print a usage message.
- a. True
 - b. False
11. You can use `which` to search for command help.
- a. True
 - b. False
12. As time passes, and new software packages get installed, the man page database needs to be updated. You use the following command on Red Hat to update this database:
- a. `makewharis`
 - b. `mandb`
 - c. `makedb`
 - d. `updateman`
13. If you want to determine the commands that you have typed so far you issue the following command:
- a. `history`
 - b. `past`
 - c. `commands`
 - d. None of the above
14. You want to find the largest file and directory that is consuming space. You use the following command:
- a. `du`
 - b. `df`
 - c. `find`
 - d. `ls`