Linux Fundamentals

End-of-Week Test

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| Total Score | / 40 |

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| Name |  |
| Date |  |
| Marker’s name |  |

1. Which one of the following is used to terminate an interactive command?
   1. ^D
   2. ^C
   3. ^Z
   4. ^U
2. To determine the type (i.e. contents) of a file named */etc/passwd* I would use one of the following commands.
   1. what /etc/passwd
   2. type /etc/passwd
   3. file /etc/passwd
   4. contents /etc/passwd
3. Write below a command which will display a listing of /*usr*.
4. Write below a command to copy the directory *Admin* to */tmp*.
5. Write in the box below a command to rename the directory *Admin* to *Certs*.
6. Which one of the following commands creates three directories?
   1. mkdir dira, dirb. dirc
   2. makedir dira, dirb, dirc
   3. create dira dirb dirc
   4. mkdir dira dirb dirc
7. A pathname which does not start with a “/” is called an absolute path-name.
   1. True
   2. False
8. Write below a command to take you up two directory levels.
9. Write down commands for the following *vi* actions. 1 point for each correct answer

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| --- | --- |
| 1. Scroll back one page. |  |
| 1. Go into insert mode after the  current cursor position. |  |
| 1. Append at the end of the line |  |
| 1. Go to line 1 of the file |  |
| 1. Display line numbers |  |
| 1. Change 3 characters to done |  |
| 1. Change a line to done |  |
| 1. Change 3 lines to done |  |
| 1. Search forward for lines starting with *Co* |  |
| 1. Repeat the previous search |  |
| 1. Save the file to a new file *stats3.* |  |
| 1. Force exit without saving. |  |
| 1. Delete 5 characters. |  |
| 1. Delete 2 words. |  |
| 1. Repeat the last change |  |

1. The following grep command lists all lines in */etc/passwd* ending in *bash*.

**grep ^bash /etc/passwd**

* 1. True
  2. False

1. Write below a command to list all entries in *stdcode* beginning with a capital C.
2. Which one of the following options to grep will cause it to display line numbers as well as matched lines?
   1. –n
   2. –l
   3. –p
   4. –d
3. Which one of the following options to *sort* will cause it to recognise the “:” character as a field separator?
   1. –d:
   2. –separator=:
   3. –t:
   4. –b=:
4. Write in the box below a command to list all entries in the file *words* ending with x.
5. Which two of the following statements are correct? 1 point for each correct answer.
   1. egrep and ggrep are part of the grep family
   2. egrep and fgrep are part of the grep family
   3. tr stands for **tr**anslate characters
   4. tr stands for **tr**im lines
6. The following *awk* command displays filename and owner from an *ls -l*

**ls -l | awk ‘{print $9,$3}’**

* 1. True
  2. False

1. Which two of the following are Linux compression utilities? 1 point for each correct answer
   1. pack
   2. bzip2
   3. bzip99
   4. gzip
2. Which two of the following are Linux text utilities? 1 point for each correct answer
   1. awk
   2. ned
   3. sed
   4. ufsdump
3. Write in the box below a command to display a text file showing line numbers
4. Which one of the following utilities selects columns and fields?
   1. fcselect
   2. prune
   3. cut
   4. lop
5. Which one of the following is a typical comment line in a text file?
   1. # Enter aliases below
   2. % Enter aliases below
   3. $ Enter aliases below
   4. ^ Enter aliases below
6. Which two of the following are valid commands?
   1. sort
   2. form
   3. wc
   4. clue

That’s it! Your instructor will now co-ordinate the test marking