

Linux Basics by Alien Coders

Course Content

Total No of Classes: 15 sessions [2 hrs each]

Linux Intro – what, why, how

- History.
- Difference Between Linux and Windows
- Difference Between Linux and Unix
- GNU
- Usage
- Career Options
- Interesting Facts about Linux.
- Why Linux is Virus proof?
- Various Linux Distributions.
- About root
- Pros and Cons

Basic commands (50+)

1. echo
2. cat
3. whereis
4. whatis
5. less
6. more
7. locate
8. ln
- 9. mkdir**
10. touch
11. ls
12. pwd
13. cd
14. cp

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15. mv
16. chmod
17. chown
18. df
19. du
20. dd
21. adduser
22. sort
23. uniq
24. cut
25. grep
26. find
27. passwd
28. rm/rmdir
29. date
30. bc
31. cal
32. gzip
33. tar
34. who
35. diff
36. mount/umount
37. ps/kill
38. ping
39. dig
40. host
41. whois
42. nslookup
43. sudo
44. uname
45. ifconfig
46. history
47. halt
48. shutdown
49. exit
50. clear
51. free
52. top
53. ssh
54. who
55. w
56. man
57. tail
58. head
59. wget

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60. curl

Editors (any one)

- a) Vi Editor (preferred one)
- b) Pico
- c) Nano
- d) Emacs

GNU/LINUX OS Installation (in vmware)

Basic System config and Administration.

Files and Directories in Linux

- File Structure and hierarchy
- File Permissions
- LVM overview

Schedulers

- cron
- at
- batch

User Administration

- Add/update/delete user
- Add/update/delete group

Software Installation In Linux .

- rpm/deb (yum or apt-get)
- make