



Linux Admin-Workshop Program For 2 days

1. Introducing Unix/Linux

- Introduction
- Architecture of Unix /Linux
- File system / Directory Structure of Linux
- Processes in Linux

2. Installation & Login

- Installation of Linux as Laptop , Desktop and Server
- Comparison Between Windows Vista and Linux Desktops
- Demo of Linux Desktop 3D Effects
- Logging into the system
- The password file
- Command structure
- Using the Help pages / manuals built in Linux.

3. Editor

- Various types of Text Editors In Linux / Unix
- The vi(vim) editor as smart Choice for C programmers.

4. The File System

- File types
- Directory structure
- Mount Windows Files and Data in Linux
- File names and Notations

5. FS commands and Permissions

- File system's commands
- Links
- Setting up security Permissions among Users and their Data

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6. Useful Commands of Unix/Linux

- General Commands
- User Management Commands
- Networking Commands
- Security and Password Security and Hacking Commands

7. Utilities

- Time utilities
- File comparison commands
- Process Management/ Job Controlling Commands and Uutils.

8. Advance Shell Scripting Using The Bash/Shell/ksh

- Bash/sh wildcards
- I/O redirection
- fc command (History)
- Aliases

9. Connecting Linux Box to The Internet

- Basics of Networking
- Linux Network Pre-Requisites
- Linux Network Files and Types
- Linux network Card and Wireless Configurations
- Connecting to Internet using Linux
- Internet Settings for Tata / Reliance and Bfone dial up
- Internet Settings for Tata / Reliance and Bfone Leas Line
- Internet Settings for Tata / Reliance and Bfone Router / Modem
- Internet Settings for Tata / Reliance Data Cards wireless Internet

10. Future Tools and Market of Linux in Servers and Desktops

- Overview Network Tools and Security Tools
- Programming Tools like VB , VC++ and .Net on Linux
- Market Survey