



Linux Development

- Installation Overview
- Step By Step Installation
- Linux and UNIX Fundamentals
- Logging in and out of UNIX (Via GUI/CLI)
- Managing Users and Groups
- Managing Accounts and Groups
- Understanding File Management Basics
- Linux Directory Structure
- Navigating the File System
- Configuring Boot Loaders
- Troubleshooting Boot Problems
- Configuring GRUB
- Resetting the Root Password
- Examining Boot Messages
- Configuring and Selecting X Server
- Managing GUI Logins
- Managing Kernel Modules
- Managing Files and Directories
- File Permissions
- Setting Environment Variables
- Managing Processes and Editing Files
- Creating System & User Cron Jobs
- Getting and Setting Kernel Information
- Editing Files using VI and Vim
- Managing System Services
- Finding Information about Commands
- Working with Files and Directories
- File Ownership and Permissions
- Job Control and Process Management



- Limiting Administrative Access
- Securing Your UNIX System
- Basic Shell Scripting
- Configuring LOG Files & Setting the Run Levels
- Configure and Manage the User Accounts
- Managing Disks and Partition Management
- Partition management and Maintenance
- Managing Packages and System Backups
- Installing and Removing Packages
- Backing Up and Restoring a Computer
- Configuring basic Networking
- Diagnosing Network Problems
- Configuring Firewalls & Printers
- Understanding Email Protocols
- Configuring Web Servers
- SELinux and Security Auditing
- Intrusion Detection System
- Enumerate Remote Services in Linux
- Password Policies
- Internet/Intranet Applications in Linux
- Remote Execution of Applications
- DOS versus Linux Commands
- Compiling and Installing GNU
- User Management Tools
- Boot loader and Init Process
- Enabling and Disabling Services
- Mounting and Unmounting Local Disks
- TCP/IP for System Administrators
- Monitoring your System and Handling Attacks
- Network Security Tools
- Apache Web server
- Domain Name Service (DNS Server)
- Dynamic Host Configuration Protocol (DHCP Server)



- File Transfer Protocol (FTP Server)
- Network File System (NFS Server)
- Yellow Dog Updater (Yum Server)
- SQUID Server
- Printer Server
- SSH Server
- Syslog Server
- VNC Server
- Printer Server
- Proxy Server
- Network Information Service (NIS Server)
- Samba Server
- Virtualization
- Kickstart in Linux