

Linux Administration training

Duration: 10 Hours

Linux Training

Prerequisites Linux:-

- Basic knowledge of Linux, including installing Linux and using the command line is helpful but not required

Linux Foundation

Develop a good working knowledge of Linux using both the graphical interface and command line, covering the major Linux distribution families.

Linux Filesystem Tree Layout

Build a good understanding of different files system tree layouts in Linux that is required for the administration activities.

Programs and Processes

Details of how programs and processes work in a linux environment. Overview of the key processes, execution modes and libraries required for Administration.

- Programs and Processes
- Process Limits
- Creating Processes
- Process States
- Execution Modes
- Daemons

Package Management Systems

- Software Packaging Concepts
- RPM (Red Hat Package Manager)
- DPKG (Debian Package)
- Revision Control Systems

Package Installers

- Package Installers
- Yum
- Zipper
- APT
- Labs

System Monitoring

- System Monitoring
- Process Monitoring
- Memory Monitoring and Tuning
- Network Monitoring
- I/O Monitoring
- System Log Files
- Labs

Linux Filesystems

- Filesystem Basics
- Virtual Filesystem (VFS)
- Available Filesystems
- Filesystem Concepts
- Disk and Filesystem Usage
- Extended Attributes

Basic Troubleshooting and System Rescue

- Troubleshooting Overview
- Things to Check: Networking
- Boot Process Failures
- Filesystem Corruption and Recovery
- Virtual Consoles
- Rescue Media and Troubleshooting
- System Rescue and Recovery