

System Administration under Linux Operating System

Detailed Syllabus:

- Introduction of Linux O.S.
- Overview of Kernel and Shell
- Basic Commands
- Vi Editor
- Advance Commands
- Shell Scripting
- AWK Programming concepts ,control statements.
- System Administration, Package Management
- System Initalization : Define boot process, recover system, and manage service startup
- Kernel Services : Explore kernel modules and variants, tune kernel parameters, manage devices, and monitor processes and resources.
- Filesystem Creation and Management: Expand storage by adding new filesystems and swap space. Configure autofs for on-demand network storage.
- User Administration
- Advanced User Administration:

- Advanced File system Management
- Network File Sharing Services
- Web Services
- Electronic Mail Services
- Securing Data
- Account Management