

## Day - 1

- **Introduction**
  - Introduction
  - Installation
  - Installation continued
  - Summary - Section 1
  - Assignment
- **Essential Commands**
  - Online documentation on Linux
  - Man pages
  - Create, delete, copy and move files and directories
  - Use grep and regular expressions
  - Input Output Redirection
  - Access a shell prompt and issue commands with correct syntax
  - Accessing remote systems using Ssh
  - Log in and switch users to multiuser targets
  - Using tar with grip for file archiving
  - Different ways of changing hostname
  - Interacting with the Linux Shell
  - Typing your first commands in Linux terminal

## Day - 2

- **Domain-2-Operate running systems**
  - Linux Boot Process
  - Editing GRUB
  - Editing GRUB from boot menu
  - System
- **Process Management in RHEL7-System boot up,shutdown**
  - Boot process
  - The PS command
  - System vs sysV
  - Nice, renice, kill and pkill
  - FSH - File system hierarchy

## Day - 3

- **Domain-5-Manage users and groups**

- Adding and deleting local users
- Changing passwords
- Configuring password aging

- **Domain-6-Manage security**

- SELinux
- SSH installation
- SSH configuration

## Day - 4

- **Package Management**

- YUM (Yellow dog Updater Modified)
- YUM (Yellow dog Updater Modified) - 2
- RPM - Red Hat Package Manager

- **Linux Text Editors**

- Nano text editor - 1
- Nano text editor - 2
- Vim Text Editor - 1
- Vim Text Editor - 2

## Day - 5

- **Time Management in Red Hat Linux**

- Time detect command
- Setting Time zones
- RPM - Red Hat Package Manager
- Hardware clock and NTP

- **Kickstart**

- Introduction
- Installing Apache
- Apache Configuration
- Kickstart client machine using web server
- Kickstart client using ftp server
- Using Kickstart Configurator

## Day - 6

- **Task automation by cron, at and anacron**

- Introduction
- Example of a cron job
- Cron and at
- User access
- Anacron