

LINUX SYSTEM ADMINISTRATION



COURSE OVERVIEW

The course will be presented in an informal and flexible style. Interaction will be encouraged to ensure that the course proceeds at the pace and depth appropriate to the audience. Participants will be exposed to necessary tools to ensure the well being of the Linux system. Lab sessions include the installation, troubleshooting, backup and recovery and administrative maintenance of a Linux server machine. PCs will be available for participants to perform experiments.

COURSE OBJECTIVES

Upon completion of this course, participants will be able to :

- Perform system administration tasks including adding and deleting users, adding devices, partitioning the disk, and other administrative functions.
- Use the administrator files and commands in the / etc directory.
- Manage disk space and file system
- Backup and restore all or parts of the system
- Carry out startup and shutdown procedures.
- Monitor system performance
- Establish and maintain network connectivity

THE UNIQUENESS OF THIS COURSE

- An insight into Linux system and its essential system administration
- Emphasis on practical hands-on learning experience
- No prior knowledge assumed
- Exposure to Linux tools and techniques for fine tuning Linux file system
- Emphasis & examples will be tailored to needs of delegates

WHO SHOULD ATTEND

This course is designed for those who will be responsible for the operation and management of a Linux system.

KEY TOPICS

- Linux overview
- System manipulation Commands
- Administrating User and Group Accesses
- Securing Files and Directors with Permissions
- Linux System Processes
- Kernel configuration
- Disk Management
- Backup and Restore
- Linux Optimization
- Preparing for Linux Network Services

METHODOLOGY

Lectures, discussions, practical exercise and demonstrations using Linux operating system.

COURSE DURATION

5 Days

PRE-REQUISITE

Prior knowledge on/ expose to UNIX/Linux commands.

CERTIFICATION

Certificate of attendance will be issued to those who fulfill 80% of attendance.

Minimum participants: 6 persons

For further details, please contact:

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