



LINUX SYSTEM ADMINISTRATION

Length: 4 days

Description: Linux administration involves a fair amount of interaction with system hardware and the kernel. This course provides a hands-on approach to these and other advanced administrative tasks that are unique to Linux. With this distinctive design approach, this course is also suitable as a Unix to Linux conversion for existing Unix administrators. It is a fast-paced skills-building event, full of practical exercises and troubleshooting.

Objectives:

- The ability to install a Linux system
- An understanding of modular kernel architecture and the ability to re-configure it
- The ability to implement various fs types
- The skills required to effect user and file system security
- Knowledge of how to configure network services;
- The ability to install additional software, both pre-packaged and from source code
- The ability to compare various Linux distributions, and Linux versus UNIX administration.

Topics:

- Introduction
- Disk Preparation & Installation
- Boot Management
- Hardware and Architecture
- Kernel Configuration
- Software Management
- Startup and Shutdown
- Managing Log Files
- User Accounts
- Managing Filesystems
- Understanding Memory
- Networking Servers
- NFS and Samba
- Tools
- The X Window System

Who should attend: All existing administrators, developers, analysts, indeed, all users who find themselves looking after a Linux box. Also, experienced Unix Administrators who need to port their skills to Linux.

Prerequisites: Delegates should have previously attended the Linux



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Fundamentals course or have equivalent skills. Alternatively, they should have solid experience of administration of any Unix version.

Course style:

Hands-on, practical approach

More Information:

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More information can be found on www.linuxtraining.be

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