



LINUX FUNDAMENTALS

Length: 4 days

Description: Many institutions have been adding a Linux machine to their existing infrastructure: perhaps to give developers a platform of their choice, or to provide an alternative to a network server, or to introduce an additional piece to the security jigsaw. This course will give the delegates the skill set required for looking after these type of Linux boxes, by discussing a hybrid of topics that span user and administrator activities.

Objectives:

- Knowledge of how to work with Linux shells
- The ability to edit files using vi and GUI editors
- The ability to manipulate data with a selection of filter tools
- Knowledge of how to use redirection and piping techniques
- The ability to perform basic administrative tasks: controlling processes, user accounts, logs, file systems
- The ability to perform basic network configuration

Topics:

- Introduction
- Processes
- The X Windows System
- Editing Text
- Bash Introduction
- Files and Directories
- Who is the boss
- Filesystem Access
- Data Streams
- Data Filters
- User Accounts
- Job Control
- Network Interface and Services
- Bulk Data Tools

Who should attend: Programmers, system and network administrators and other IT professionals who are relatively new to the UNIX environment. It is also recommended for users of any UNIX system who need to 'escape' an application and use the system at the command line level. Existing IT professionals with little or no Unix experience, who require a quick start in a Linux environment, enabling them to control a Linux system swiftly and efficiently

**Prerequisites:**

No specific Unix knowledge is required, but delegates must have a basic knowledge of the major computer components as well as computer operating system functionality and concepts. Ability of working with command line (such as in DOS, OS2 or VMS) and familiarity with hierarchical file structure, organisation and management is assumed.

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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