

## Linux Fundamentals

### Computer based training (4 hours)

#### Intended Audience

- Users of Linux systems
- Those requiring occasional access to a Linux environment

#### Course Scope:

- The course provides the necessary training and preparation required to successfully make use of Linux

#### Why is this course unusual?

- Highly Interactive
  - Interactive lab simulations allow familiarity with Linux in a controlled environmentStudents use programs such as :
  - ksh
  - ls
  - ps
  - vimand provide a live simulated application to show what happens when :
  - You use login to various shells
  - Communicate with other users
  - Process text files
  - and much more
- Concepts are reinforced with tests
  - Studies have shown that retention rates from courses including hands-on activities, AND those including tests, are far higher than for passive training.
  - This course provides both of these features to offer the highest quality Linux training available today.

#### Prerequisites :

- No prior knowledge is required

#### Course Objectives:

- A thorough grounding in the Linux operating system
- Participants will learn:
  - The history of the UNIX and Linux Operating Systems
  - Operating System Concepts
  - Help
  - Vim text editor
  - Logging In, and authentication in general
  - Working with Directories
  - Working with Files
  - Commands
  - Piping one command into another
  - Processes (the ps command)
  - Shells - Ksh, Bsh ...
  - Shell Scripts & Shell Programming

#### System Requirements:

- Microsoft Windows XP or later
- 80 MB of free hard disk space
- 1 GB of RAM
- SVGA (or higher) resolution graphics
- DVD/CDROM drive
- Sound capability

You may download the datasheet for this class as PDF