



**silicon
beach**
TRAINING

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LINUX

Duration: 3 days
(The linux course can be extended to 5 days to include bash shell programming)

Prerequisites

This Linux training course is designed for delegates with little or no previous Linux experience who will be using Red Hat Linux, SuSE Linux or a similar Linux environment

This Linux training course introduces the Linux operating system and commands, bash, the Linux file system, the vim editor, printing and job control. Also included is an introduction to the Graphical User Interface.

Objectives

On completion of the Linux course, delegates will

- Understand the history and philosophy behind Linux
- Know about the different Linux distributions
- Use the basic features of the Linux environment
- Understand the structure of the Linux file system and the commands used to create and manipulate files and directories
- Explain the reason behind connecting one or more programs together to provide functionality
- Use the text editor vim (vi improved)
- Use bash (the Bourne-Again Shell) but also be aware of other available shells
- Use filename generation metalanguage
- Understand the use of grep
- Use command recall and history
- Use floppy disks for backup
- Manipulate processes
- Control foreground and background tasks
- Be aware of the X Window System, and the Gnome and KDE desktops

Course Content

- Concepts underlying Linux
- Linux commands to access the operating system
- Controlling input to and output from commands
- Connecting programs together (IPC)
- The vim text editor
- Create, modify and delete files
- Moving files around
- Linux filesystem
- Commands to manipulate files and directories
- The bash command interpreter
- Command history
- Filename generation
- Printing and the print spool
- Manage foreground and background processes
- Backups
- Bash scripts (optional)



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