Tel +44 20 4571 2395
info@siliconbeachtraining.co.uk

What is Unix Training?

The Unix training course is a general introduction to the Unix operating system, focusing on developing an understanding of the Unix command line and the utilities available. Programming and networking operating systems are vital to all businesses, hence Unix training is designed to enhance the knowledge of IT professionals so that they are able to implement systematic networking systems. Unix courses are vendor-independent and adaptable to a wide range of information technology roles in any type of business. Unix systems and Microsoft Windows programming have a very similar GUI (graphical user interface), meaning Unix systems are user friendly and environmentally adaptable. Unix has been operating since the 1960s and is constantly under development in an attempt to offer the most effective networking system.

What are the objectives of Unix Training?

After completing this course, delegates will have:

- A broad understanding of the Unix operating system
- Administer and manage Unix operating systems in your business
- Used shell scripts to complete administrative tasks
- Knowledge of its options and capabilities
- The ability to use the command line and other utilities

Who is the Unix Training course for?

Unix training is for anyone who is interested in understanding Unix operating systems. There are no formal requirements for this course, however computing experience and knowledge of exposure to information technology and operating systems would be beneficial.

What areas does Unix training cover?

The Unix training course covers:

- Creating, copying, transferring, and deleting files
- Using shell redirection and pipe facilities to extract information
- Using the vi editor tool
- Implementing and changing file permission access
- Monitor and control of processes
- Using text searching tools
- Customization of logging in
- The introduction of Korn, Posix, and Bash Shells

Tel +44 20 4571 2395
info@siliconbeachtraining.co.uk

Introduction to Unix

- What is Unix and why?
- Logging in and passwords
- Remote access using putty
- How to use a command line
- Finding help with man

The Unix file system

- Basic commands
- Listing and changing directories
- Moving, copying, deleting and linking files
- Dates and calendars

Files

- File ownership and security
- Finding and comparing files
- Creating and removing directories

Pipes, redirections and tricks

- Input, output and error streams
- Pipes in Unix
- Some utilities: sort, cat and tail
- Searching with grep
- Sed and awk
- Regular expressions

An Introduction to vi

- Why use vi?
- Opening and saving files
- Edit and Insert modes
- Simple commands in vi

Other utilities

- Telnet
- FTP
- Finger
- Reading mail from the command line

Process Management

- Using ps and top
- Background processes
- Killing Bad Processes

Basic Administration

- Managing users and groups

Tel +44 20 4571 2395
info@siliconbeachtraining.co.uk

Using a shell

- What is a shell?
- Choosing a shell
- Environment variables

Introduction to Shell programming

- Scripting sequences of commands
- Variables and command-line arguments
- Control structures - if and loops

Setting up Linux

- Installation
- Desktop on Linux
- Where next?