Introduction to UNIX systems administration

Course overview

Description

A grounding in UNIX administration, enabling delegates to competently perform simple administration tasks using menus. As well as using the menus, the administration commands underlying the menus are introduced for the more technical delegates.

Who will benefit?
System Administrators.
Network Administrators.

Support personnel.

Prerequisites
UNIX Fundamentals.

Objectives
By the end of the course delegates will be able to:

- Administer standalone UNIX systems using menus.

- Configure UNIX for users and printers.

- Maintain UNIX by handling disk space and taking regular backups.

Duration: 2 days

NOTE: The exact contents of this course will depend on the specific variation of UNIX (e.g. AIX, HP/UX, Linux or Solaris) required.

Contents

Hands on !

What is Systems Administration?
The job, the root user, the su command, customising root's environment.

Administration by menus

Setting up the system after installation
Setting the date and time, the nodename and passwords.

Managing users and groups
Adding users and groups, managing passwords, customising user environments, deleting users and groups.

Managing printers
Basics, the spooler, printer operations, adding printers, fixing problems with printers.

System shutdown
Run states, how to shutdown.

System startup
/etc/inittab and other startup files, the login sequence.

Filesystems
Partitions and filesystems, using floppy disks.

Backups
Backup mediums, backup strategies.
UNIX utilities for backup.

Restoring from backups

Automating tasks
The cron process. Setting up cron tables.

Simple monitoring
What's going on in your system, disk space, log files.

Miscellaneous
Package management.
System log books.

Why us?
We prefer to let our clients explain why.
"Easily one of the best bits of training I've had! Should have done this months ago." T.R. Royal Bank of Scotland

We teach "why" not just "how"
We are proud of our comprehensive range of courses, ensuring we have the right course for you no matter what your requirement.
"Because it teaches the WHY not just the how." W.G. BBC

Small class sizes
We limit our maximum class size to 8 delegates; often we have less than this. This ensures optimal interactivity between delegates and instructor.
"Excellent course. The small class size was a great benefit..." M.B. IBM

Hands on training
All our UNIX courses use hands on sessions to reinforce the theory.
"I was very impressed by the combination of practical and theory…" S.R. Qinetiq

Our courseware
We write our own courses; courseware does not just consist of slides and our slides are diagrams not bullet point text.
"Well presented & lots of it." P.A. Livingston

Customise your course
Is there more than one of you? Please contact us if you would like a course to be customised to meet your specific requirements. Have the course your way.
"Good focus was given to the areas of instruction that were needed for our specific job roles." E.B. General Dynamics

Our clients
You can be reassured that when you receive training from us, you are in good company. Clients range from service providers and large multinationals down to one man businesses.
"An excellent course and excellently delivered." G.H. Virgin Media

What our customers say
"Big thanks to SNT. I found this course to be well planned and delivered by your professional staff." S.H. Deutsche Bank AG