HP-UX Introduction

Course Outline

Course Introduction

- Administration and Course Materials

- Course Structure and Agenda

- Delegate and Trainer Introductions

Session 1: INTRODUCTION TO THE HP-UX OPERATING SYSTEM

- A brief history of UNIX

- The UNIX kernel

- The UNIX file system

- Getting started navigating the file system

- The file system structure

- Directories and files

- Pathnames

- Navigating the file system

- Exercise: Logging on to the system

- Exercise: Navigating the file system

Session 2: BASIC COMMANDS

- Command line syntax

- Basic file handling commands

- Basic Directory handling commands

- Filename wildcard characters

- Exercise: Manipulating files and directories

Session 3: REDIRECTION AND PIPES

- Input redirection

- Output redirection

- Pipes

- Exercise: Using redirection and pipe facilities

Session 4: INTRODUCTION TO THE vi EDITOR

- Overview of the vi editor

- Basic functions

- Switching to input mode

- Other useful commands

- Exercises: Using the vi editor

- Exercise: Using more advanced vi features

Session 5: SEARCHING AND REPLACING TEXT

- Searching and replacing text using the vi editor

- Using regular expressions (regex)

- Using sed for search and replace

- Searching for text with grep, egrep and fgrep

- Exercises: Searching and Replacing Text

Session 6: RECALLING AND EDITING COMMANDS

- Overview

- The bash shell

- The korn shell

- Exercises: Recall and Edit Commands

Session 7: FILE PERMISSIONS AND ACCESS CONTROL

- Users and user groups

- File access permissions

- Changing file attributes

- Switching users and user groups

- Linking files

- Exercise: Setting and access permissions

Session 8: FILTERING TEXT

- Overview

- The cut command

- An introduction to awk

- The nl command

- Exercises: Filtering Text

Session 9: PROCESSES

- What is a process?

- Monitoring processes

- Killing processes

- Background processes

- Job Control

- Grouping commands

- Exercise: Monitoring and controlling processes

Session 10: THE USER ENVIRONMENT

- Customising the .profile or .bash_profile

- Customising the .kshrc or .bashrc

- Exercise: Setting up an environment

Session 11: MORE BASIC COMMANDS

- The find command

- Using xargs command

- The locate command

- The df command

- The cut command

- The sort command

- Finding duplicate content

- The finger and pinky commands

- Exercise: More Basic Commands