SETC Training Corporate Logo

Linux Training: Core Administration Skills (UCORE, 4 jours)

Description

The course Core Administration Skills (Linux Training) is designed for advance users who are moving to Linux administration. The training covers server installation & configuration and includes file & directory manipulation, daemons, users & groups, backup and networking. Also included are kernel configuration, system monitoring and software management through package managers.

Tarifs

- Tarification: $3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

UNIX/LINUX system essentials
- The UNIX/LINUX Architecture
- UNIX/LINUX shells
- Files, directories, links
- UNIX/LINUX hierarchy
- Basic UNIX/LINUX Commands
- Shutting down UNIX/LINUX

Installing UNIX/LINUX
- UNIX/LINUX Startup
- About Daemon Threads
- UNIX/LINUX Memory Architecture
- Virtual Memory and Memory Usage
- UNIX/LINUX Hard Disk Architecture
- About Partitioning

File Systems and Printing
- UNIX/LINUX, DOS and CD-ROM file systems
- Making File Systems
- Mounting File Systems
- Checking Consistency
- File System Configuration
- Configuring Printing Services

UNIX/LINUX Security
- The UNIX/LINUX Security Architecture
- The Root and the Super-User
- Setting up User Accounts
- Start-up Files
- Password Policies and Aging
- Directory Security
- Scripting for Security
- Intrusion Detection
- Remote Access

Software Distribution
- Installation Overview

Adding packages
Removing packages
Backup and Recovery
The Need for Backups
Planning for Backups
UNIX/LINUX Backup Utilities
Performing the Backup
The Restore Strategy
The Restore Process
Monitoring
Overview of Monitoring Tools
Checking Disk Usage
Checking Memory Use
Tracking Processes
Kernel Configuration
Networking
TCP-IP Overview
Planning IP Addresses
Using Remote Commands
Using the Secure Shell
Network Applications
Network Services Overview
DNS
DNS Utilities
DHCP
File and print sharing
NIS and NFS configuration
Setting up the Automounter
Configuring a print server
System Administration Checklist