

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

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## 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

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The UNIX/LINUX Architecture

UNIX/LINUX shells

Files, directories, links

UNIX/LINUX hierarchy

Basic UNIX/LINUX Commands

Shutting down UNIX/LINUX

### Installing UNIX/LINUX

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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

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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

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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

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Installation Overview

Adding packages

Removing packages

Backup and Recovery

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The Need for Backups

Planning for Backups

UNIX/LINUX Backup Utilities

Performing the Backup

The Restore Strategy

The Restore Process

Monitoring

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Overview of Monitoring Tools

Checking Disk Usage

Checking Memory Use

Tracking Processes

Kernel Configuration

Networking

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TCP-IP Overview

Planning IP Addresses

Using Remote Commands

Using the Secure Shell

Network Applications

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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

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