



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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# Linux Jumpstart for UNIX System Administrators

**CODE:**      **DURÉE:**      **PRIX H.T.:**

LX15DG      32 Hours      €1,340.00

## Description

This course will enable you to transfer your generic UNIX system administration skills to Red Hat Enterprise Linux (RHEL), SuSE Linux Enterprise Server (SLES), and Fedora Linux. This course includes lectures and lab exercises to reinforce what was taught in lecture.

If you are enrolling in a Self Paced Virtual Classroom or Web Based Training course, before you enroll, please review the Self-Paced Virtual Classes and Web-Based Training Classes on our Terms and Conditions page, as well as the system requirements, to ensure that your system meets the minimum requirements for this course. <http://www.ibm.com/training/terms>

## Objectifs

- Discuss the history of Linux
- Perform a network and automatic installation
- Use Linux online documentation
- Understand and manipulate Linux startup and shutdown flow
- Identify system administration tools
- Identify and use utilities to install and update software packages
- Identify and use common Linux block devices
- Describe, create, and use Linux filesystems
- Create and manage Linux users and groups
- Learn common troubleshooting methods
- Describe and use memory management utilities
- Describe and configure virtualization using Xen

## Audience

This course is for UNIX system administrators who implement and administer Red Hat Enterprise Linux (RHEL) or SUSE Linux Enterprise Server (SLES).

## Prérequis

You should have:

- experience as a UNIX system administrator, and
- experience as a UNIX TCP/IP network administrator, including TCP/IP configuration, routing, and networking software, such as Domain Name System (DNS), Network File System (NFS), and Network Information Service (NIS)
- **or** equivalent experience

## Programme

### Day 1

- Unit 1 - Introduction to Linux
- Exercise 1 - Introduction to Linux
- Unit 2 - Installing Linux
- Exercise 2 - Installing Linux
- Unit 3 - Linux documentation

- Exercise 3 - Linux documentation
- Unit 4 - Startup and shutdown
- Exercise 4 - Startup and shutdown

## **Day 2**

- Unit 5 - System administration tools
- Exercise 5 - System administration tools
- Unit 6 - Package management
- Exercise 6 - Package management
- Unit 7 - X Window system
- Exercise 7 - X Window system
- Unit 8 - User administration
- Exercise 8 - User administration

## **Day 3**

- Unit 9 - Block devices, RAID, LVM
- Exercise 9 - Block devices, RAID, LVM
- Unit 10 - Filesystems
- Exercise 10 - Filesystems
- Unit 11 - Kernel configuration
- Exercise 11 - Kernel configuration
- Unit 12 - Memory management
- Exercise 12 - Memory management

## **Day 4**

- Unit 13 - Virtualization
- Exercise 13 - Virtualization
- Unit 14 - Troubleshooting
- Exercise 14 - Troubleshooting

## **Dates de session**

Sur demande. [Merci de nous contacter](#)

## **Informations**

### **Complémentaires**

Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.