



Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

Detalles de contacto

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Linux Jumpstart for UNIX System Administrators

CÓDIGO:	DURACIÓN:	Precio:
LX15G	32 Hours (4 días)	€2,300.00

Description

Learn how to transfer your generic UNIX system administration skills to the administration of Fedora and Red Hat Enterprise Linux and/or SUSE Linux.

This course includes lab exercises to reinforce what was taught in lecture. This course helps the student to prepare for the Linux Professional Institute (LPI) Certification.

Objetivos

- 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

Público

This is an intermediate course for UNIX system administrators who implement and administer Red Hat or SUSE workstations.

Requisitos Previos

You should have:

- experience as a UNIX system administrator
- 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

Programa

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

Examen y certificación

The Linux Professional Institute (LPI) is defining and creating an extensive set of objectives and related test items to help qualify a person as a Linux Professional. Their goal is to clearly distinguish between three levels of certification. This course, along with hands-on experience, prepares you for the LPI Certification (LPIC) Level 1 exams and starts you on your way to LPIC Level 2. For more information on the LPI certification program, visit the Web site: <http://lpi.org/>

Más información

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.

GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process: <http://w3.ibm.com/services/gbs/evita/BCSVTEnr1.nsf>

Once you enroll in a GTP class, you will receive a confirmation letter that should show:

The current GTP list price

The 20% discounted price available to IBMers. This is the price you will be invoiced for the class.

Fechas Programadas

A petición. Gracias por [contactarnos](#).

Información Adicional

[Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.](#)