



Enterprise Computing Solutions - Education Services

## OFERTA FORMATIVA

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### Detalles de contacto

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# Linux System Administration I - Implementation

<b>CÓDIGO:</b>	<b>DURACIÓN:</b>	<b>Precio:</b>
LX03G	40 Hours (5 días)	€2,300.00

## Description

The purpose of this course is to provide experienced Linux users additional skills that may help them become a capable system administrator.

## Objetivos

- Install Linux from a network install server, setup network install servers, and perform automated installs
- Manage system and services startup and shutdown
- Select and use system administration tools when appropriate
- Configure and manage printers
- Use packaging tools to create, install, and de-install packages
- Configure and manage the X Window System and VNC
- Manage logging
- Manage kernel services
- Manage devices
- Manage hard disks, partitions, Redundant Array of Independent Disks (RAID), and Logical Volume Management (LVM)
- Create and manage file systems and file system quota
- Perform memory management
- Use scheduling tools
- Create and restore backups
- Perform user administration
- Apply user-level security
- Troubleshoot Linux problems

## Público

The intended audience for this course is experienced Linux users who want to become administrators of one or more Linux servers.

## Requisitos Previos

You should have:

- Attended IBM Linux course *Linux Basics and Installation (LX020)*
- Practical experience in running Linux as a user

## Programa

### Day 1

- Introduction
- Unit 1: Advanced Linux installation
  - Exercise 1: Advanced Linux installation
- Unit 2: Startup and shutdown
  - Exercise 2: Startup and shutdown
- Unit 3: System administration tools
  - Exercise 3: System administration tools

- Unit 4: Package management
  - Exercise 4: Packaging tools

## Day 2

- Unit 5: X Window System and VNC
  - Exercise 5: X Window System and VNC
- Unit 6: Logging
  - Exercise 6: Logging
- Unit 7: Kernel services and device management
  - Exercise 7: Device management

## Day 3

- Unit 8: Disk management, RAID, and LVM
  - Exercise 8: Disk management, LVM, and RAID
- Unit 9: File systems and file system quota
  - Exercise 9: File systems
- Unit 10: Memory management
  - Exercise 10: Memory management

## Day 4

- Unit 11: Scheduling
  - Exercise 11: Scheduling
- Unit 12: Backup and restore
  - Exercise 12: Backup and restore
- Unit 13: User administration
  - Exercise 13: User administration
- Unit 14: User-level security
  - Exercise 14: User-level security

## Day 5

- Unit 16: Problem determination
  - Exercise 16: Problem determination
- Optional units and exercises

## 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/BCSVTEnl.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.](#)