TRAINING OFFERING

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Linux System Administration I - Implementation

CODE:	DURÉE:	PRIX H.T.:
LX03W0G	24 Hours	€240.00

Description

The purpose of this course is to teach experienced Linux users the techniques, methods, and policies used in Linux system administration.

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

- 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 and configure the kernel
- 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

Audience

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

Prérequis

You should have:

- Attended IBM Linux course *Linux Basics and Installation (LX02G)*
- Practical experience in running Linux as a user

Programme

- Introduction
- Unit 1: Advanced Linux installation
    - Demo/simulation 1: Advanced Linux installation
- Unit 2: Startup and shutdown
    - Demo/simulation 2: Startup and shutdown

- Unit 3: System administration tools
  - Demo/simulation 3: System administration tools
- Unit 4: Package management
  - Demo/simulation 4: Packaging tools
- Unit 5: X Window System and VNC
  - Demo/simulation 5: X Window System and VNC
- Unit 6: Logging
  - Demo/simulation 6: Logging
- Unit 7: Kernel services and kernel configuration
  - Demo/simulation 7: Kernel services and kernel configuration
- Unit 8: Device management
  - Demo/simulation 8: Device management
- Unit 9: Disk management, RAID, and LVM
  - Demo/simulation 9: Disk management, LVM, and RAID
- Unit 10: File systems and file system quota
  - Demo/simulation 10: File systems
- Unit 11: Memory management
  - Demo/simulation 11: Memory management
- Unit 12: Scheduling
  - Demo/simulation 12: Scheduling
- Unit 13: Backup and restore
  - Demo/simulation 13: Backup and restore
- Unit 14: User administration
  - Demo/simulation 14: User administration
- Unit 15: User-level security
  - Demo/simulation 15: User-level security
- Unit 16: Troubleshooting
  - Demo/simulation 16: 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.