Linux Engineer I

Description

This 4-day course is the first level of LPIC-2 certification.

Classroom Registration Price (CHF)
3100
Virtual Classroom Registration Price (CHF)
2900
Course Content
Module 1: Capacity Planning

- Lesson 1: Measuring and Troubleshooting Resource Use
- Lesson 2: Reduces Future Resource Requirements

Module 2: Linux kernel

- Lesson 1: Core Components
- Lesson 2: Compile a kernel
- Lesson 3: Managing and Troubleshooting the Kernel Runtime

Module 3: Starting the system

- Lesson 1: Customizing the SysV-init System Boot
- Lesson 2: Recovering the system
- Lesson 3: Alternate Bootloaders

Module 4: File System and Devices

- Lesson 1: Using the Linux file system
- Lesson 2: Maintaining a Linux file system
- Lesson 3: Creating and Configuring File System Options

Module 5: Advanced Storage Device Administration

- Lesson 1: RAID Configuration
- Lesson 2: Setting Access to the Storage Device
- Lesson 3: Logical Volume Manager

Module 6: Network Configuration

- Lesson 1: Basic Network Configuration
- Lesson 2: Advanced Network Configuration and Troubleshooting
- Lesson 3: Troubleshooting Network Problems

Module 7: System Maintenance

- Lesson 1: Create and install programs from the source
- Lesson 2: Backup Operations
- Lesson 3: Notify users about system issues

Documentation

- Digital courseware included

Exam

- This course prepares you to the LPIC-2 201 exam: Linux Engineer I exam. If you wish to take this exam, please contact our secretariat who will let you know the cost of the exam and will take care of all the necessary administrative procedures for you.

Participant profiles

- Anyone to administer small and medium sized mixed networks with Linux
- Anyone who is LPIC-1 certified and who is seeking LPIC-2 certification

Prerequisites

- Be LPIC-1 certified
- Having followed the following courses or have the equivalent knowledge: LPIC-1 101: Linux administrator I Â andÂ LPIC-1 102: Linux administrator II

Objectives

- Be able to use the core components
- Properly configure a kernel to include or disable specific features of the linux kernel if necessary
- Query and modify system service behavior at various targets / run levels
- Configure and navigate correctly in the standard Linux file system
- Configure and implement the software raid
- Create and delete logical volumes, volume groups, and physical volumes
- Configure a network device
- Identify and fix common network configuration issues
- Use system tools to back up important system data

Niveau
IntermÃ©diaire
Duration (in Days)
4
Reference
LPIC2-201