
Linux Engineer II

Description

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

Classroom Registration Price (CHF)

3100

Virtual Classroom Registration Price (CHF)

2900

Course Content

Module 1: Domain Name Server

- Lesson 1: Configuring the Basic DNS Server
- Lesson 2: Create and maintain DNS zones
- Lesson 3: Securing a DNS Server

Module 2: Web Services

- Lesson 1: Implementing a web server
- Lesson 2: Apache Configuration for HTTPS
- Lesson 3: Implementing a proxy server
- Lesson 4: Implementing Nginx as a Web Server and Reverse Proxy

Module 3: File Sharing

- Lesson 1: Configuring the SAMBA Server
- Lesson 2: Configuring the NFS Server

Module 4: Managing Network Clients

- Lesson 1: DHCP Configuration
- Lesson 2: PAM Authentication
- Lesson 3: Using the LDAP Client
- Lesson 4: Configuring an OpenLDAP Server

Module 5: Email Services

- Lesson 1: Using mail servers
- Lesson 2: Managing Email Delivery
- Lesson 3: Managing Remote Email Delivery

Module 6: System Security

- Lesson 1: Configuring a router
- Lesson 2: Securing FTP Servers
- Lesson 3: Secure Shell (SSH)
- Lesson 4: Security Tasks 212.4
- Lesson 5: OpenVPN

Documentation

- Digital courseware included

Exam

- This course prepares you to the LPIC-2 202 exam: Linux Engineer II 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
- Or master the concepts covered by the following trainings: [LPIC-1 101: Linux administrator I](#), [LPIC-1 102: Linux administrator II](#), [LPIC-2 201: Linux Engineer I](#)

Objectives

- Configure BIND to function as a cached DNS server only
- Create a zone file for a forward or reverse zone and tips for root-level servers
- Configure a DNS server to function as a non-root user and run in a chroot jail
- Install and configure a web server
- Configure a Web server to provide the HTTPS protocol
- Install and configure a proxy server, including access policies, authentication, and resource usage
- Install and configure a reverse proxy server, Nginx
- Set up a Samba server for different clients
- Export file systems using NFS
- Configure a DHCP server
- Configure PAM to support authentication using various methods available.
- Perform queries and updates on an LDAP server

Niveau

Avancé

Duration (in Days)

4

Reference

LPIC2-202