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# Training LemonLDAP::NG : Access and Authentication Manager

2 days (14 hours)

## Presentation

The [LemonLDAP::NG](#) training course will provide you with a single authentication solution for accessing multiple IT applications or websites. During the course, you'll learn about authentication, authorization and accounting. Your team will also be able to use LemonLDAP with various applications on a different server. Find out how to view a user's SSO profile and identify all access rights and headers. You'll also learn about application protection, development and the software's advanced features. As with all our training courses, this one will introduce you to the latest version of the software, [version 2.0](#).

## Objectives

- Simplify password management for users
- How to secure your application
- Understanding LemonLDAP architecture

## Target audience

- Web Developer
- IT administrators
- Architect

## Prerequisites

Basic knowledge of authentication types.

## LemonLDAP::NG training program

## Introduction

- Introducing **LemonLDAP::NG**
  - Architecture
  - Kinematics
  - Authentication, authorization and accounting mechanisms
- Key features
- Quick start
- Platforms
- Installation

## Configuration

- Single sign-on cookie and portal URL
- Virtual host control
- Portal settings
- Managers
- Databases

## Application protection

- Securing your application
- Customized managers
- WebServices / API
- HTTP basic authentication
- Form
- Headers and writing rules

## Advanced features

- RBAC concept
- Single-Sign-On as a service
- SMTP server configuration
- Extended functions
- Support FastCGI
- Risk-based authentication
- Deploying the Traefik configuration

## Operation

- SELinux
- Monitoring
- Performance
- Status plugin check

## Development

- Writing a custom plugin
- Report a bug
- Manager library architecture
- Project contribution
- Manager customization

## Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

## Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

## Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

## Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

## Sanction

A certificate will be issued to each trainee who completes the course.