

## Szkolenie: The Linux Foundation LFS216 Linux Security Fundamentals



### Cel szkolenia:

This course is a comprehensive look at the security challenges that can affect almost every system, especially with the seamless connectivity we seek from the Internet. Many of the features for securing Linux are built in to either the Linux Kernel or added by the various Linux Distributions. This class explores many of these options to secure the systems. In some cases specialized Linux appliances are used to demonstrate how one would interact with corporate production servers. This is an encompassing class experience that will further expand your awareness of security issues and preventative measures.

The class starts with an overview of Computer Security and touches on how security affects everyone in the chain of development, implementation, administration and the end user.

This course is designed to work with a wide range of Linux distributions, so you will be able to apply these concepts regardless of your distro.

### Plan szkolenia:

- Course Introduction
- Security Basics
- Threats and Risk Assessment
- Physical Access
- Logging
- Auditing and Detection
- Application Security
- Kernel Vulnerabilities
- Authentication
- Local System Security
- Network Security
- Network Services Security
- Denial of Service
- Remote Access
- Firewalling and Packet Filtering
- Response and Mitigation

- Compliance Testing with OSCP

## Wymagania:

You should be able to download files from the Internet, configure virtual machines, import a virtual appliance and a “host only” virtual private network. Basic Linux command line skills (covered in LFS201 – Essentials of System Administration) are required. Familiarity with Red Hat Linux, CentOS or Fedora is highly recommended.

## Poziom trudności



## Certyfikaty:

The participants will obtain certificates signed by The Linux Foundation.

## Prowadzący:

Certified The Linux Foundation Trainer.

## Informacje dodatkowe:

50 hours of self-course material.

Hands-on Labs & Assignments.

Video Content

12 Months of Access to Online Course

Discussion Forums