

# Linux Training: Security & Hacking Complete Course (UNXHACK, 4 jours)

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## Description

The course Security & Hacking Complete Course (Linux Training) focuses on Linux security and hacking. Beginning with a Linux security deep-dive, the course discusses the anatomy of a hacker attack on Linux. Every part of the Linux OS is included in the discussion including the kernel, networking components, databases, web servers & more.

## Tarifs

- Tarification: \$3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

## Plan de cours

### UNIX/LINUX Security and Malware

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The Anatomy of an Attack

PDRP: Plan, Detect, Respond, Prevent

Threat Sources

Threat Categories

Dealing with Viruses

Dealing with Worms

Dealing with Spyware

Dealing with Email Attacks

Dealing with Malevolent Scripts

What about the web server and other Remote Access Technologies?

What about Application Servers?

Overview of UNIX/LINUX Security Measures and Tools

### The Hacker's View of UNIX/LINUX

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About Authentication and Authorization

Security Architecture

Essential Security Principles

A Look at Security Realms

UNIX/LINUX Authentication

UNIX/LINUX Authorization

About Auditing and Logging

### Features and Tools

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Secure Default Installation

About the Super User

About Usernames and Passwords

About Firewalls

Security Templates and Security Configuration

Baseline Profiling

Using Groups and Realms

About Encryption

Protecting Files and Directories

### Footprinting, Scanning and Enumeration

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The Basics of Detection: The Complete Lifecycle

Exploring Footprinting

Exploring Scanning

About Computer Names and IP Addresses

Exploring RPC

Exploring SMB

Delving into DNS

A Closer look at SNMP Enumeration

Service Hacking

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Cracking Passwords

Delving into UNIX/LINUX Authentication

Cracking Authentication

Other Services

Privilege Escalation and Control

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Named Pipes Prediction

NetDDE Requests

Exploring Countermeasures

Command Line Control

GUI Control

Expanding the Attack

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Auditing

Password Cracks

About Trojan Horses

File Searching

Packet Capturing

Island Hopping

Cleanup

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Creating Rogue User Accounts

Trojan Logon Screens

Remote Control

Where are Back Doors and Trojan Horses?

About Rootkits

Covering your Tracks

Covering Tracks

General Countermeasures

Hacking Apache

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Apache Architecture

Buffer Overflow

File System Traversal

Source Code Attacks

Hacking Web Applications

Hacking Internet Clients

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Browser Architecture Overview

How to Attach an Internet Client

Attacks Unleashed

The Complete Attack

Exploring Countermeasures

Hacking Databases

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Defending Oracle

Security Best Practices

Hackng Telnet

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About Telnet

Identifying and Enumerating Telnet

Attacking Telnet

General Telnet Countermeasures

Other Attack Strategies

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Attacking the SAM

About File System Attacks

Implementing DoS Attacks