Linux Hardening and Security, Part 2 of 3: Network and Account

Meet the expert: Jason Cannon is the author of Linux Administration, the founder of the Linux Training Academy, and an instructor to thousands of satisfied students. He has worked for many technology companies who take information security seriously as well as security firms such as Mandiant and FireEye.

Prerequisites: A basic understanding of the Linux operating system.

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Course description: The Linux Security course explores the various tools and techniques commonly used by Linux system administrators and end users to complete their day-to-day tasks in a Linux environment. It is designed for experienced computer users who have limited previous exposure to Linux, whether they are working in an individual or a corporate environment. This course covers Security by Account types, SSH, Firewalls and TCP Wrappers

Course outline:

PAM
• Introduction
• Account security intro
• Intro to pam
• Pam configuration example
• Password security
• Controlling account access
• Summary

Security by Account Type
• Introduction
• Security by Account Type
• Demo: Security
• Demo: Linux Account Types
• Summary

Network Security
• Introduction
• Network Security Overview
• Securing Network Services
• Port Security
• Summary

SSH
• Introduction
• Securing SSH
• Linux Firewall
• Summary

Firewalls
• Introduction
• Securing SSH
• IPTables
• Rule Specifications
• Summary

Firewalls Cont.
• Introduction

• Rules Specification Examples
• Demo: Network Security
  Firewalls
• Summary

TCP Wrappers
• Introduction
• TCP Wrappers
• TCP Wrapper Examples
• Summary