Linux Hardening and Security, Part 3 of 3: File System

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.

Runtime: 01:18:15

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 Permissions, Special Modes, ACL's and Rootkits.

Course outline:

Permissions
- Introduction
- Permissions
- File and Directory Permissions
- File and Director Permissions Cont.
- Summary

Special Modes
- Introduction
- Filesystem security special modes 1
- Filesystem security special modes 2
- Filesystem security file attributes
- Demo: filesystem attributes
- Summary

ACLs
- Introduction
- filesystem security ACLs
- Demo: filesystem security acls
- Summary

Rootkits
- Introduction
- Rootkits
- Demo: Rootkits
- Additional Resources
- Summary