



Practical Linux Security Cookbook

By *Tajinder Kalsi*



Practical Linux Security Cookbook By Tajinder Kalsi

Key Features

- This book provides code-intensive discussions with detailed recipes that help you understand better and learn faster.
- More than 50 hands-on recipes to create and administer a secure Linux system locally as well as on a network
- Enhance file system security and local and remote user authentication by using various security tools and different versions of Linux for different tasks

Book Description

With the growing popularity of Linux, more and more administrators have started moving to the system to create networks or servers for any task. This also makes Linux the first choice for any attacker now. Due to the lack of information about security-related attacks, administrators now face issues in dealing with these attackers as quickly as possible. Learning about the different types of Linux security will help create a more secure Linux system.

Whether you are new to Linux administration or experienced, this book will provide you with the skills to make systems more secure.

With lots of step-by-step recipes, the book starts by introducing you to various threats to Linux systems. You then get to walk through customizing the Linux kernel and securing local files. Next you will move on to manage user authentication locally and remotely and also mitigate network attacks. Finally, you will learn to patch bash vulnerability and monitor system logs for security.

With several screenshots in each example, the book will supply a great learning experience and help you create more secure Linux systems.

What you will learn

- Learn about various vulnerabilities and exploits in relation to Linux systems
- Configure and build a secure kernel and test it
- Learn about file permissions and security and how to securely modify files
- Explore various ways to authenticate local users while monitoring their activities.
- Authenticate users remotely and securely copy files on remote systems
- Review various network security methods including firewalls using iptables

- and TCP Wrapper
- Explore various security tools including Port Sentry, Squid Proxy, Shorewall, and many more
- Understand Bash vulnerability/security and patch management

About the Author

Tajinder Kalsi is an innovative professional with more than 9 years of progressive experience within the information security industry. He has a good amount of knowledge and experience in web application testing, vulnerability assessment, network penetration testing, and risk assessment.

At present, he is working as an independent information security consultant. He started his career with Wipro as a technical associate, and later on he became an ISMS consultant cum technical evangelist. In his free time, he conducts seminars in colleges all across India on various topics, and he has covered more than 125 colleges and spoken to 10,000+ students.

In the past, he has reviewed books such as Web Application Penetration Testing with Kali Linux, Mastering Kali Linux for Advanced Penetration Testing, and Advanced Wireless Penetration Testing for Highly-Secured Environments.

You can find him on Facebook at www.facebook.com/tajinder.kalsi.tj, or contact him on his website at www.tajinderkalsi.com.

Table of Contents

1. Linux Security Problems
2. Configuring a Secure and Optimized Kernel
3. Local Filesystem Security
4. Local Authentication in Linux
5. Remote Authentication
6. Network Security
7. Security Tools
8. Linux Security Distros
9. Patching a Bash Vulnerability
10. Security Monitoring and Logging

 [Download Practical Linux Security Cookbook ...pdf](#)

 [Read Online Practical Linux Security Cookbook ...pdf](#)

Practical Linux Security Cookbook

By Tajinder Kalsi

Practical Linux Security Cookbook By Tajinder Kalsi

Key Features

- This book provides code-intensive discussions with detailed recipes that help you understand better and learn faster.
- More than 50 hands-on recipes to create and administer a secure Linux system locally as well as on a network
- Enhance file system security and local and remote user authentication by using various security tools and different versions of Linux for different tasks

Book Description

With the growing popularity of Linux, more and more administrators have started moving to the system to create networks or servers for any task. This also makes Linux the first choice for any attacker now. Due to the lack of information about security-related attacks, administrators now face issues in dealing with these attackers as quickly as possible. Learning about the different types of Linux security will help create a more secure Linux system.

Whether you are new to Linux administration or experienced, this book will provide you with the skills to make systems more secure.

With lots of step-by-step recipes, the book starts by introducing you to various threats to Linux systems. You then get to walk through customizing the Linux kernel and securing local files. Next you will move on to manage user authentication locally and remotely and also mitigate network attacks. Finally, you will learn to patch bash vulnerability and monitor system logs for security.

With several screenshots in each example, the book will supply a great learning experience and help you create more secure Linux systems.

What you will learn

- Learn about various vulnerabilities and exploits in relation to Linux systems
- Configure and build a secure kernel and test it
- Learn about file permissions and security and how to securely modify files
- Explore various ways to authenticate local users while monitoring their activities.
- Authenticate users remotely and securely copy files on remote systems
- Review various network security methods including firewalls using iptables and TCP Wrapper
- Explore various security tools including Port Sentry, Squid Proxy, Shorewall, and many more
- Understand Bash vulnerability/security and patch management

About the Author

Tajinder Kalsi is an innovative professional with more than 9 years of progressive experience within the information security industry. He has a good amount of knowledge and experience in web application

testing, vulnerability assessment, network penetration testing, and risk assessment.

At present, he is working as an independent information security consultant. He started his career with Wipro as a technical associate, and later on he became an ISMS consultant cum technical evangelist. In his free time, he conducts seminars in colleges all across India on various topics, and he has covered more than 125 colleges and spoken to 10,000+ students.

In the past, he has reviewed books such as Web Application Penetration Testing with Kali Linux, Mastering Kali Linux for Advanced Penetration Testing, and Advanced Wireless Penetration Testing for Highly-Secured Environments.

You can find him on Facebook at www.facebook.com/tajinder.kalsi.tj, or contact him on his website at www.tajinderkalsi.com.

Table of Contents

1. Linux Security Problems
2. Configuring a Secure and Optimized Kernel
3. Local Filesystem Security
4. Local Authentication in Linux
5. Remote Authentication
6. Network Security
7. Security Tools
8. Linux Security Distros
9. Patching a Bash Vulnerability
10. Security Monitoring and Logging

Practical Linux Security Cookbook By Tajinder Kalsi Bibliography

- Rank: #688555 in eBooks
- Published on: 2016-04-29
- Released on: 2016-04-29
- Format: Kindle eBook

 [Download Practical Linux Security Cookbook ...pdf](#)

 [Read Online Practical Linux Security Cookbook ...pdf](#)

Download and Read Free Online Practical Linux Security Cookbook By Tajinder Kalsi

Editorial Review

About the Author

Tajinder Kalsi

Tajinder Kalsi is an innovative professional with more than 9 years of progressive experience within the information security industry. He has a good amount of knowledge and experience in web application testing, vulnerability assessment, network penetration testing, and risk assessment. At present, he is working as an independent information security consultant. He started his career with Wipro as a technical associate, and later on he became an ISMS consultant cum technical evangelist. In his free time, he conducts seminars in colleges all across India on various topics, and he has covered more than 125 colleges and spoken to 10,000+ students. In the past, he has reviewed books such as Web Application Penetration Testing with Kali Linux, Mastering Kali Linux for Advanced Penetration Testing, and Advanced Wireless Penetration Testing for Highly-Secured Environments. You can find him on Facebook at www.facebook.com/tajinder.kalsi.tj, or contact him on his website at www.tajinderkalsi.com.

Users Review

From reader reviews:

Vera Velez:

What do you ponder on book? It is just for students because they are still students or the item for all people in the world, exactly what the best subject for that? Only you can be answered for that problem above. Every person has diverse personality and hobby for every other. Don't to be compelled someone or something that they don't would like do that. You must know how great and also important the book Practical Linux Security Cookbook. All type of book can you see on many solutions. You can look for the internet options or other social media.

Pamela Brock:

The feeling that you get from Practical Linux Security Cookbook is the more deep you searching the information that hide inside the words the more you get enthusiastic about reading it. It does not mean that this book is hard to know but Practical Linux Security Cookbook giving you excitement feeling of reading. The article writer conveys their point in certain way that can be understood simply by anyone who read that because the author of this e-book is well-known enough. This book also makes your own vocabulary increase well. Making it easy to understand then can go to you, both in printed or e-book style are available. We highly recommend you for having this Practical Linux Security Cookbook instantly.

Clarence Danner:

Often the book Practical Linux Security Cookbook has a lot of knowledge on it. So when you make sure to read this book you can get a lot of help. The book was compiled by the very famous author. The writer

makes some research previous to write this book. This book very easy to read you can find the point easily after looking over this book.

Ernest Poole:

Reading can called brain hangout, why? Because when you are reading a book specially book entitled Practical Linux Security Cookbook your brain will drift away trough every dimension, wandering in every single aspect that maybe unknown for but surely can be your mind friends. Imaging every word written in a e-book then become one type conclusion and explanation that will maybe you never get before. The Practical Linux Security Cookbook giving you another experience more than blown away your mind but also giving you useful information for your better life within this era. So now let us demonstrate the relaxing pattern the following is your body and mind will likely be pleased when you are finished reading through it, like winning an activity. Do you want to try this extraordinary investing spare time activity?

Download and Read Online Practical Linux Security Cookbook By Tajinder Kalsi #Y2K35UXAEQZ

Read Practical Linux Security Cookbook By Tajinder Kalsi for online ebook

Practical Linux Security Cookbook By Tajinder Kalsi Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Practical Linux Security Cookbook By Tajinder Kalsi books to read online.

Online Practical Linux Security Cookbook By Tajinder Kalsi ebook PDF download

Practical Linux Security Cookbook By Tajinder Kalsi Doc

Practical Linux Security Cookbook By Tajinder Kalsi Mobipocket

Practical Linux Security Cookbook By Tajinder Kalsi EPub