



Wireshark Network Security

By Piyush Verma

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Wireshark Network Security By Piyush Verma

A succinct guide to securely administer your network using Wireshark

About This Book

- Make the most of Wireshark by breezing through all its features and analyzing network security threats
- Full of scenarios faced by security analysts along with comprehensive solutions
- Packed with step-by-step instructions to walk you through the capabilities of Wireshark

Who This Book Is For

If you are network administrator or a security analyst with an interest in using Wireshark for security analysis, then this is the book for you. Basic familiarity with common network and application services terms and technologies is assumed.

What You Will Learn

- Familiarize yourself with the robust features offered by Wireshark
- Use the powerful command-line utilities shipped with Wireshark
- Analyze numerous threats to network security using Wireshark
- Investigate attacks performed using popular security tools such as Nmap, Nessus, Metasploit, and more
- Solve real-world CTF challenges using Wireshark
- Create your own security-related profile in Wireshark
- Configure Wireshark for effective network troubleshooting
- Get accustomed to common scenarios faced by security analysts
- Analyze malware traffic successfully by using Wireshark
- Unearth anomalies hampering the speed of network communications

In Detail

Wireshark is the world's foremost network protocol analyzer for network analysis

and troubleshooting.

This book will walk you through exploring and harnessing the vast potential of Wireshark, the world's foremost network protocol analyzer.

The book begins by introducing you to the foundations of Wireshark and showing you how to browse the numerous features it provides. You'll be walked through using these features to detect and analyze the different types of attacks that can occur on a network. As you progress through the chapters of this book, you'll learn to perform sniffing on a network, analyze clear-text traffic on the wire, recognize botnet threats, and analyze Layer 2 and Layer 3 attacks along with other common hacks.

By the end of this book, you will be able to fully utilize the features of Wireshark that will help you securely administer your network.

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Wireshark Network Security By Piyush Verma Bibliography

- Rank: #996214 in Books
- Published on: 2015-07
- Released on: 2015-07-29
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .32" w x 7.50" l, .55 pounds
- Binding: Paperback
- 138 pages

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Editorial Review

About the Author

Piyush Verma

Piyush Verma currently serves as a senior security analyst at NII Consulting, India, and enjoys hacking his way into organizations (legally) and fixing the vulnerabilities encountered. He strongly values hands-on experience over certifications; however, here are a few certifications he has earned so far: OSCP, CEH, CHFI, CCNA Security, and CompTIA Security+. He is a highly sought-after professional speaker and has delivered security training to folks working in public, private, and "secret" sectors. He can be contacted at <https://in.linkedin.com/in/infosecpiyushverma>.

Users Review

From reader reviews:

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