Python Passive Network Mapping: P2NMAP

By Chet Hosmer

Python Passive Network Mapping: P2NMAP By Chet Hosmer
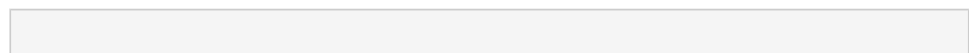
Python Passive Network Mapping: P2NMAP is the first book to reveal a revolutionary and open source method for exposing nefarious network activity.

The "Heartbleed" vulnerability has revealed significant weaknesses within enterprise environments related to the lack of a definitive mapping of network assets. In *Python Passive Network Mapping*, Chet Hosmer shows you how to effectively and definitively passively map networks. Active or probing methods to network mapping have traditionally been used, but they have many drawbacks - they can disrupt operations, crash systems, and - most importantly - miss critical nefarious activity. You require an accurate picture of the environments you protect and operate in order to rapidly investigate, mitigate, and then recover from these new attack vectors. This book gives you a deep understanding of new innovations to passive network mapping, while delivering open source Python-based tools that can be put into practice immediately.

Python Passive Network Mapping is for practitioners, forensic investigators, IT teams, and individuals who work together when performing incident response and investigating potential damage, or are examining the impacts of new malware threats. Those defending critical infrastructures will have a special interest in this book, as active or probing methods of network mapping are rarely used within these environments as any resulting impacts can be disastrous. *Python Passive Network Mapping* is ideally suited for use as a text in a variety of academic programs to expose and engage students in the art of passively mapping enterprise networks, with the added benefit of providing exposure to open source Python solutions.

- First book to show you how to use open source Python to conduct passive network mapping
- Provides a new method for conducting incident response and investigating the extent of potential damage to your systems
- Python code forensics toolkit for network mapping included on the companion website

Python Passive Network Mapping: P2NMAP

By Chet Hosmer

Python Passive Network Mapping: P2NMAP By Chet Hosmer

Python Passive Network Mapping: P2NMAP is the first book to reveal a revolutionary and open source method for exposing nefarious network activity.

The "Heartbleed" vulnerability has revealed significant weaknesses within enterprise environments related to the lack of a definitive mapping of network assets. In **Python Passive Network Mapping**, Chet Hosmer shows you how to effectively and definitively passively map networks. Active or probing methods to network mapping have traditionally been used, but they have many drawbacks - they can disrupt operations, crash systems, and - most importantly - miss critical nefarious activity. You require an accurate picture of the environments you protect and operate in order to rapidly investigate, mitigate, and then recover from these new attack vectors. This book gives you a deep understanding of new innovations to passive network mapping, while delivering open source Python-based tools that can be put into practice immediately.

Python Passive Network Mapping is for practitioners, forensic investigators, IT teams, and individuals who work together when performing incident response and investigating potential damage, or are examining the impacts of new malware threats. Those defending critical infrastructures will have a special interest in this book, as active or probing methods of network mapping are rarely used within these environments as any resulting impacts can be disastrous. **Python Passive Network Mapping** is ideally suited for use as a text in a variety of academic programs to expose and engage students in the art of passively mapping enterprise networks, with the added benefit of providing exposure to open source Python solutions.

- First book to show you how to use open source Python to conduct passive network mapping
- Provides a new method for conducting incident response and investigating the extent of potential damage to your systems
- Python code forensics toolkit for network mapping included on the companion website

Python Passive Network Mapping: P2NMAP By Chet Hosmer Bibliography

- Sales Rank: #297853 in Books
- Brand: imusti
- Published on: 2015-07-09
- Released on: 2015-06-25
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .37" w x 7.50" l, .78 pounds
- Binding: Paperback
- 162 pages

⬇ [**Download** Python Passive Network Mapping: P2NMAP ...pdf](#)

Editorial Review

About the Author
Chet Hosmer is the Founder of Python Forensics, Inc. a non-profit organization focused on the collaborative development of open-source investigative technologies using the Python programming language. Chet serves as a visiting professor at Utica College in the Cybersecurity Graduate program where his research and teaching focus on advanced steganography/data hiding methods and related defenses. He is also an Adjunct Faculty member at Champlain College in the Masters of Science in Digital Forensic Science Program where he is researching and working with graduate students to advance the application Python to solve hard problems facing digital investigators.

Chet makes numerous appearances each year to discuss emerging cyber threats including National Public Radio's Kojo Nnamdi show, ABC's Primetime Thursday, NHK Japan and ABC News Australia. He is also a frequent contributor to technical and news stories relating to cyber security and forensics and has been interviewed and quoted by IEEE, The New York Times, The Washington Post, Government Computer News, Salon.com, DFI News and Wired Magazine.

He is the author of three recent Elsevier/Syngress Books: Python Passive Network Mapping: ISBN-13: 978-0128027219, Python Forensics: ISBN-13: 978-0124186767 and Data Hiding which is co/authored with Mike Raggo: ISBN-13: 978-1597497435. Chet delivers keynote and plenary talks on various cyber security related topics around the world each year.

Users Review

From reader reviews:

Marie Nitta:

Inside other case, little men and women like to read book Python Passive Network Mapping: P2NMAP. You can choose the best book if you want reading a book. Providing we know about how is important a new book Python Passive Network Mapping: P2NMAP. You can add information and of course you can around the world by a book. Absolutely right, since from book you can recognize everything! From your country right up until foreign or abroad you will find yourself known. About simple factor until wonderful thing it is possible to know that. In this era, we are able to open a book or maybe searching by internet gadget. It is called e-book. You may use it when you feel bored stiff to go to the library. Let's go through.

Joycelyn Chambers:

This Python Passive Network Mapping: P2NMAP book is absolutely not ordinary book, you have it then the world is in your hands. The benefit you receive by reading this book is actually information inside this publication incredible fresh, you will get information which is getting deeper anyone read a lot of information you will get. This particular Python Passive Network Mapping: P2NMAP without we comprehend teach the one who examining it become critical in imagining and analyzing. Don't be worry Python Passive Network Mapping: P2NMAP can bring if you are and not make your tote space or bookshelves' become full because you can have it within your lovely laptop even telephone. This Python

Passive Network Mapping: P2NMAP having excellent arrangement in word and layout, so you will not truly feel uninterested in reading.

Lionel Huggins:

Spent a free time and energy to be fun activity to perform! A lot of people spent their free time with their family, or their own friends. Usually they doing activity like watching television, gonna beach, or picnic within the park. They actually doing ditto every week. Do you feel it? Do you wish to something different to fill your free time/ holiday? May be reading a book is usually option to fill your cost-free time/ holiday. The first thing you will ask may be what kinds of publication that you should read. If you want to consider look for book, may be the e-book untitled Python Passive Network Mapping: P2NMAP can be good book to read. May be it is usually best activity to you.

Julie Gooch:

Many people spending their time by playing outside using friends, fun activity together with family or just watching TV all day every day. You can have new activity to enjoy your whole day by examining a book. Ugh, think reading a book can definitely hard because you have to take the book everywhere? It alright you can have the e-book, getting everywhere you want in your Smart phone. Like Python Passive Network Mapping: P2NMAP which is having the e-book version. So , why not try out this book? Let's see.

Download and Read Online Python Passive Network Mapping: P2NMAP By Chet Hosmer #3679XUVIR5Q

Read Python Passive Network Mapping: P2NMAP By Chet Hosmer for online ebook

Python Passive Network Mapping: P2NMAP By Chet Hosmer 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 Python Passive Network Mapping: P2NMAP By Chet Hosmer books to read online.

Online Python Passive Network Mapping: P2NMAP By Chet Hosmer ebook PDF download

Python Passive Network Mapping: P2NMAP By Chet Hosmer Doc

Python Passive Network Mapping: P2NMAP By Chet Hosmer Mobipocket

Python Passive Network Mapping: P2NMAP By Chet Hosmer EPub

3679XUVIR5Q: Python Passive Network Mapping: P2NMAP By Chet Hosmer