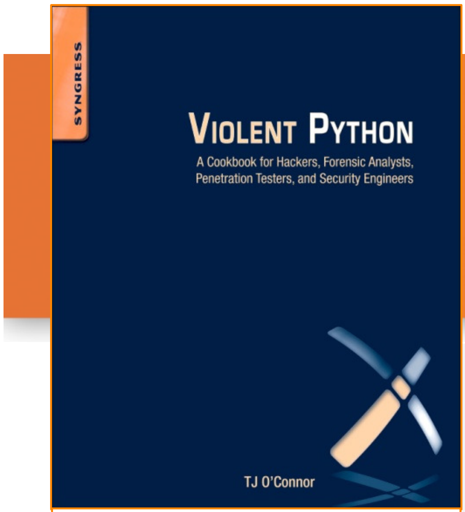
SYNGRESS
VIOLENT PYTHON
A Cookbook for Hackers, Forensic Analysts, Penetration Testers, and Security Engineers
TJ O'Connor

Violent Python

A Cookbook for Hackers, Forensic Analysts, Penetration Testers and Security Engineers

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AUDIENCE

Penetration Tester, Forensic Analysts, IT Security Professionals (Security Auditors, Security Engineers, Compliance Specialists, etc.)

TABLE OF CONTENTS

Discover how to use Python to exploit systems and build effective pen testing tools to defend your system from attackers.

"A quick glance at [the authors] collective credentials and experience undoubtedly creates high expectations for this title… The end result is that the book demonstrates how powerful just a few dozen lines of Python code can be… useful tips and tricks will surely be acquired simply by working through the exercises."--The Ethical Hacker Network, February 27, 2013

"When it comes to Python and penetration testing, TJ O'Connor is the grand Python master. This is the book that keeps on giving. From building penetration testing Python scripts, to antivirus-evading penetration testing malware, to interrogating the Windows Registry and investigating other forensic artifacts...O'Connor masterfully walks the reader from basic to advanced penetration testing techniques with sample code throughout."--Ove Carroll, SANS Certified Instructor, Co-Author of SANS Forensics 408 - Windows In Depth

"The best hackers know when to write their own tools. Violent Python is a very relevant collection of examples to seed your personal hacking toolbox. From offensive actions to digital forensics, this book has useful bits for everyone."--Raphael Mudge, Creator of Armitage

KEY FEATURES

- Demonstrates how to write Python scripts to automate large-scale network attacks, extract metadata, and investigate forensic artifacts.
- Write code to intercept and analyze network traffic using Python. Craft and spoof wireless frames to attack wireless and Bluetooth devices.
- Data mine popular social media websites and evade modern anti-virus.

DESCRIPTION

Violent Python shows you how to move from a theoretical understanding of offensive computing concepts to a practical implementation. Instead of relying on another attacker's tools, this book will teach you to forge your own weapons using the Python programming language. This book demonstrates how to write Python scripts to automate large-scale network attacks, extract metadata, and investigate forensic artifacts. It also shows how to write code to intercept and analyze network traffic using Python, craft and spoof wireless frames to attack wireless and Bluetooth devices, and how to data-mine popular social media websites and evade modern anti-virus.

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