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Hacking Web Intelligence Open Source Intelligence And Web Reconnaissance Concepts And Techniques ***2022-09-12***

ODOM BURNETT

A Hands-On Introduction to Hacking "O'Reilly Media, Inc."
As scholarly work on crime, deviance, criminal justice, and social control advances and sophisticated methods of investigation develop, chapter authors demonstrate the methodological maturity and diversity of current empirical research in criminology and criminal justice.
A Practical Guide to Online Intelligence John Wiley & Sons
2018 version of the OSINT Tools and Resources Handbook. This version is almost three times the size of the last public release in 2016. It reflects the changing intelligence needs of our clients in both the public and private sector, as well as the many areas we have been active in over the past two years.
Street Smarts for Security Professionals McGraw Hill Professional
This volume provides a broad examination of how technology and globalisation have influenced contemporary higher education institutions and how moves towards internationalisation within

and between educational providers continue to be a force for change in this context. Showcasing the varied responses to and utilisation of new technologies to support international teaching and learning endeavours at a range of higher education institutions, this book introduces content from around the world, emphasising the global importance of the internationalisation of education. Featuring contributions from some fresh young voices alongside the work of experienced and internationally renowned scholars this collection critically scrutinises the potential of information and communication technologies (ICTs) on the capacities and patterns of university education; assesses and refines the contention that ICTs are facilitating the (re-)shaping of university practices as well as challenging traditional educational models and learning strategies; provides a comprehensive portrait of the ways in which ICT use engages higher education providers, society, and individuals to facilitate potentially more democratic, globally focussed access to knowledge generation, creation, investigation, and consumption processes through internationally focussed education; and examines the differing pace and scope of change in international educational practice and context between and within countries and disciplines. With an international range of carefully chosen contributors, this book is a must-read text for practitioners, academics, researchers, administrators, policymakers, and anyone interested in the future of the university in an information age.

Implementing Enterprise Cybersecurity with Opensource Software and Standard Architecture CRC Press This book helps people find sensitive information on the Web. Google is one of the 5 most popular sites on the internet with more than 380 million unique users per month (Nielsen/NetRatings 8/05). But, Google's search capabilities are so powerful, they sometimes discover content that no one ever intended to be publicly available on the Web including: social security numbers, credit card numbers, trade secrets, and federally classified documents. Google Hacking for Penetration Testers Volume 2 shows the art of manipulating Google used by security professionals and system administrators to find this sensitive information and "self-police their own organizations. Readers will learn how Google Maps and Google Earth provide pinpoint military accuracy, see how bad guys can manipulate Google to create super worms, and see how they can "mash up" Google with MySpace, LinkedIn, and more for passive reconaissance. • Learn Google Searching Basics Explore Google's Web-based Interface, build Google queries, and work with Google URLs. • Use Advanced Operators to Perform Advanced Queries Combine advanced operators and learn about colliding operators and bad search-fu. • Learn the Ways of the Google Hacker See how to use caches for anonymity and review directory listings and traversal techniques. • Review Document Grinding and Database Digging See the ways to use Google to locate documents and then search within the

documents to locate information. • Understand Google's Part in an Information Collection Framework Learn the principles of automating searches and the applications of data mining. • Locate Exploits and Finding Targets Locate exploit code and then vulnerable targets. • See Ten Simple Security Searches Learn a few searches that give good results just about every time and are good for a security assessment. • Track Down Web Servers Locate and profile web servers, login portals, network hardware and utilities. • See How Bad Guys Troll for Data Find ways to search for usernames, passwords, credit card numbers, social security numbers, and other juicy information. • Hack Google Services Learn more about the AJAX Search API, Calendar, Blogger, Blog Search, and more.

Organizations and Performance in a Complex World Apress

With the advent of rich Internet applications, the explosion of social media, and the increased use of powerful cloud computing infrastructures, a new generation of attackers has added cunning new techniques to its arsenal. For anyone involved in defending an application or a network of systems, Hacking: The Next Generation is one of the few books to identify a variety of emerging attack vectors. You'll not only find valuable information on new hacks that attempt to exploit technical flaws, you'll also learn how attackers take advantage of individuals via social networking sites, and abuse vulnerabilities in wireless technologies and cloud infrastructures. Written by seasoned Internet security professionals, this book helps you understand the motives and psychology of hackers behind these attacks, enabling you to better prepare and defend against them. Learn how "inside out" techniques can poke holes into protected networks Understand the new wave of "blended threats" that take advantage of multiple application vulnerabilities to steal corporate data Recognize weaknesses in today's powerful cloud infrastructures and how they can be exploited Prevent attacks against the mobile workforce and their devices containing valuable data Be aware of attacks via social networking sites to obtain confidential information from executives and their assistants Get case studies that show how several layers of vulnerabilities can be used to compromise multinational corporations

Heroes of the Computer Revolution - 25th Anniversary Edition Springer Nature

When Joint Special Operations Command deployed Task Force 714 to Iraq in 2003, it faced an adversary unlike any it had previously encountered: al-Qaeda in Iraq (AQI). AQI's organization into multiple, independent networks and its application of Information Age technologies allowed it to wage war across a vast landscape. To meet this unique threat, TF 714 developed the intelligence capacity to operate inside those networks, and in the words of commander Gen. Stanley McChrystal, USA (Ret.) "claw the guts out of AQI." In Transforming US Intelligence for Irregular War, Richard H. Shultz Jr. provides a broad discussion of the role of intelligence in combatting nonstate militants and revisits this moment of innovation during the Iraq

War, showing how the defense and intelligence communities can adapt to new and evolving foes. Shultz tells the story of how TF 714 partnered with US intelligence agencies to dismantle AQI's secret networks by eliminating many of its key leaders. He also reveals how TF 714 altered its methods and practices of intelligence collection, intelligence analysis, and covert paramilitary operations to suppress AQI's growing insurgency and, ultimately, destroy its networked infrastructure. TF 714 remains an exemplar of successful organizational learning and adaptation in the midst of modern warfare. By examining its innovations, Shultz makes a compelling case for intelligence leading the way in future campaigns against nonstate armed groups.

Inside the Dark Web

Elsevier

Digital Forensics with Open Source Tools is the definitive book on investigating and analyzing computer systems and media using open source tools. The book is a technical procedural guide, and explains the use of open source tools on Mac, Linux and Windows systems as a platform for performing computer forensics. Both well-known and novel forensic methods are demonstrated using command-line and graphical open source computer forensic tools for examining a wide range of target systems and artifacts. Written by world-renowned forensic practitioners, this book uses the most current examination and analysis techniques in the field. It consists of 9 chapters that cover a range of topics such as the open source examination platform; disk and file system analysis; Windows systems and artifacts; Linux systems and artifacts; Mac OS X systems and artifacts; Internet artifacts; and automating analysis and extending capabilities. The book lends itself to use by students and those entering the field who do not have means to purchase new tools for different investigations. This book will appeal to forensic practitioners from areas including incident response teams and computer forensic investigators; forensic technicians from legal, audit, and consulting firms; and law enforcement agencies. Written by world-renowned forensic practitioners Details core concepts and techniques of forensic file system analysis Covers analysis of artifacts from the Windows, Mac, and Linux operating systems

IOS Press

This book constitutes the thoroughly refereed proceedings of the First International Conference on HCI for Cybersecurity, Privacy and Trust, HCI-CPT 2019, which was held as part of the 21st HCI International Conference, HCII 2019, in Orlando, FL, USA, in July 2019. The total of 1275 papers and 209 posters included in the 35 HCII 2019 proceedings volumes were carefully reviewed and selected from 5029 submissions. HCI-CPT 2019 includes a total of 32 papers; they were organized in topical sections named: Authentication; cybersecurity awareness and behavior; security and usability; and privacy and trust.

Hunting Cyber Criminals

Georgetown University Press

In recent years the Internet has become a source of data and information of indisputable importance and has immensely

gained in acceptance and popularity. The World Wide Web (WWW or Web, for short), frequently named “the nervous system of the infor- tion society,” offers numerous valuable services leaving no doubt about the signi?cance of the Web in our daily activities at work and at home. Consequently, we have a clear aspiration to meet the obvious need for effective use of its potential by making - provements in both the methods and the technology applied. Among the new research directions observable in Web-related applications, intelligent methods from within the broadly perceived topic of soft computing occupy an important place. AWIC, the “Atlantic Web Intelligence Conferences” are intended to be a forum for exchange of new ideas and novel practical solutions in this new and exciting ?eld. The conference was born as an initiative of the WIC-Poland and the WIC-Spain Research Centres, both belonging to the Web Intelligence Consortium – WIC (http://wi-consortium.org/) . So far, three AWIC conferences have been held: in Madrid, Spain (2003), in Cancun, Mexico (2004), and in ?ódz,´ Poland (2005).

Intelligence and Intelligence Analysis

Cagatay Sanli

A practical handbook to cybersecurity for both tech and non-tech professionals As reports of major data breaches fill the headlines, it has become impossible for any business, large or small, to ignore the importance of cybersecurity. Most books on the subject, however, are either too specialized for the non-technical professional or too general for positions in the IT trenches. Thanks to author Nadean Tanner’s wide array of experience from teaching at a University to working for the Department of Defense, the Cybersecurity Blue Team Toolkit strikes the perfect balance of substantive and accessible, making it equally useful to those in IT or management positions across a variety of industries. This handy guide takes a simple and strategic look at best practices and tools available to both cybersecurity management and hands-on professionals, whether they be new to the field or looking to expand their expertise. Tanner gives comprehensive coverage to such crucial topics as security assessment and configuration, strategies for protection and defense, offensive measures, and remediation while aligning the concept with the right tool using the CIS Controls version 7 as a guide. Readers will learn why and how to use fundamental open source and free tools such as ping, tracert, PuTTY, pathping, sysinternals, NMAP, OpenVAS, Nexpose Community, OSSEC, Hamachi, InSSIDer, Nexpose Community, Wireshark, Solarwinds Kiwi Syslog Server, Metasploit, Burp, Clonezilla and many more. Up-to-date and practical cybersecurity instruction, applicable to both management and technical positions • Straightforward explanations of the theory behind cybersecurity best practices • Designed to be an easily navigated tool for daily use • Includes training appendix on Linux, how to build a virtual lab and glossary of key terms The Cybersecurity Blue Team Toolkit is an excellent resource for anyone working in digital policy as well as IT security

professionals, technical analysts, program managers, and Chief Information and Technology Officers. This is one handbook that won't gather dust on the shelf, but remain a valuable reference at any career level, from student to executive.

Algorithms for OSINT John Wiley & Sons

One of the most important aspects for a successful police operation is the ability for the police to obtain timely, reliable and actionable intelligence related to the investigation or incident at hand. Open Source Intelligence (OSINT) provides an invaluable avenue to access and collect such information in addition to traditional investigative techniques and information sources. This book offers an authoritative and accessible guide on how to conduct Open Source Intelligence investigations from data collection to analysis to the design and vetting of OSINT tools. In its pages the reader will find a comprehensive view into the newest methods for OSINT analytics and visualizations in combination with real-life case studies to showcase the application as well as the challenges of OSINT investigations across domains. Examples of OSINT range from information posted on social media as one of the most openly available means of accessing and gathering Open Source Intelligence to location data, OSINT obtained from the darkweb to combinations of OSINT with real-time analytical capabilities and closed sources. In addition it provides guidance on legal and ethical considerations making it relevant reading for practitioners as well as academics and students with a view to obtain thorough, first-hand knowledge from serving experts in the field.

Hackers Springer Nature

The book describes projects which help in developing cybersecurity solution architectures and the use of the right tools from the opensource software domain. These projects are covered in detail with recipes on how to use opensource tooling to obtain standard cyber defense and the ability to do self-penetration testing and vulnerability assessment.

A Hacker's Guide to Online Intelligence Gathering Tools and Techniques "O'Reilly Media, Inc."

"All political and military conflicts now have a cyber dimension, the size and impact of which are difficult to predict. Internet-enabled propaganda, espionage, and attacks on critical infrastructure can target decision makers, weapons systems, and citizens in general, during times of peace or war. Traditional threats to national security now have a digital delivery mechanism which would increase the speed, diffusion, and power of an attack. There have been no true cyber wars to date, but cyber battles of great consequence are easy to find. This book is divided into two sections--Strategic viewpoints and Technical challenges & solutions--and highlights the growing connection between computer security and national security"--P. 4 of cover.

Low Tech Hacking Cambridge University Press

Algorithms for Automating Open Source Intelligence (OSINT) presents information on the gathering of information and extraction of actionable intelligence from openly available sources, including news broadcasts, public

repositories, and more recently, social media. As OSINT has applications in crime fighting, state-based intelligence, and social research, this book provides recent advances in text mining, web crawling, and other algorithms that have led to advances in methods that can largely automate this process. The book is beneficial to both practitioners and academic researchers, with discussions of the latest advances in applications, a coherent set of methods and processes for automating OSINT, and interdisciplinary perspectives on the key problems identified within each discipline. Drawing upon years of practical experience and using numerous examples, editors Robert Layton, Paul Watters, and a distinguished list of contributors discuss Evidence Accumulation Strategies for OSINT, Named Entity Resolution in Social Media, Analyzing Social Media Campaigns for Group Size Estimation, Surveys and qualitative techniques in OSINT, and Geospatial reasoning of open data. Presents a coherent set of methods and processes for automating OSINT Focuses on algorithms and applications allowing the practitioner to get up and running quickly Includes fully developed case studies on the digital underground and predicting crime through OSINT Discusses the ethical considerations when using publicly available online data

Breaking and Entering

Springer

Apply Open Source Intelligence (OSINT) techniques, methods, and tools to acquire information from publicly available online sources to support your intelligence analysis. Use the harvested data in different scenarios such as financial, crime, and terrorism investigations as well as performing business competition analysis and acquiring intelligence about individuals and other entities. This book will also improve your skills to acquire information online from both the regular Internet as well as the hidden web through its two sub-layers: the deep web and the dark web. The author includes many OSINT resources that can be used by intelligence agencies as well as by enterprises to monitor trends on a global level, identify risks, and gather competitor intelligence so more effective decisions can be made. You will discover techniques, methods, and tools that are equally used by hackers and penetration testers to gather intelligence about a specific target online. And you will be aware of how OSINT resources can be used in conducting social engineering attacks. Open Source Intelligence Methods and Tools takes a practical approach and lists hundreds of OSINT resources that can be used to gather intelligence from online public sources. The book also covers how to anonymize your digital identity online so you can conduct your searching activities without revealing your identity. What You'll Learn Identify intelligence needs and leverage a broad range of tools and sources to improve data collection, analysis, and decision making in your organization Use OSINT resources to protect individuals and enterprises by discovering data that is online, exposed, and sensitive and hide the data before it is revealed by outside attackers Gather corporate intelligence about business

competitors and predict future market directions Conduct advanced searches to gather intelligence from social media sites such as Facebook and Twitter Understand the different layers that make up the Internet and how to search within the invisible web which contains both the deep and the dark webs Who This Book Is For Penetration testers, digital forensics investigators, intelligence services, military, law enforcement, UN agencies, and for-profit/non-profit enterprises

Resources for Searching and Analyzing Online Information Routledge

This book presents the latest trends in attacks and protection methods of Critical Infrastructures. It describes original research models and applied solutions for protecting major emerging threats in Critical Infrastructures and their underlying networks. It presents a number of emerging endeavors, from newly adopted technical expertise in industrial security to efficient modeling and implementation of attacks and relevant security measures in industrial control systems; including advancements in hardware and services security, interdependency networks, risk analysis, and control systems security along with their underlying protocols. Novel attacks against Critical Infrastructures (CI) demand novel security solutions. Simply adding more of what is done already (e.g. more thorough risk assessments, more expensive Intrusion Prevention/Detection Systems, more efficient firewalls, etc.) is simply not enough against threats and attacks that seem to have evolved beyond modern analyses and protection methods. The knowledge presented here will help Critical Infrastructure authorities, security officers, Industrial Control Systems (ICS) personnel and relevant researchers to (i) get acquainted with advancements in the field, (ii) integrate security research into their industrial or research work, (iii) evolve current practices in modeling and analyzing Critical Infrastructures, and (iv) moderate potential crises and emergencies influencing or emerging from Critical Infrastructures.

Google Hacking for Penetration Testers "O'Reilly Media, Inc."

Hacking Web IntelligenceOpen Source Intelligence and Web Reconnaissance Concepts and TechniquesSyngress

HCI for Cybersecurity, Privacy and Trust "O'Reilly Media, Inc."

This volume highlights current research and developments on organizations and (their) performance against the background of ubiquitous complexity. It investigates some of the challenges and trends dominating the complex world of nowadays and the ways organizations are dealing with them in their continuous search for performance. The papers in the volume cover a series of hot and/or emerging topics (i.e. sustainable development, corporate social responsibility, green marketing, digital revolution, social media, global trade, intangible assets, economic intelligence and innovation). Built on an interdisciplinary perspective and a multi-level approach—global (trade, power, sustainable development), regional (EU, BRICS), national (country-based systems, cultures, policies,

practices), industry (airlines, pharma, luxury, retailing, banking, tourism), local (communities, destinations), and organization (entrepreneurship, MNEs, public organizations: national and local)—the volume uniquely addresses issues of high interest for researchers, practitioners and policymakers.

Machine Learning and Security Routledge

A fast, hands-on introduction to offensive hacking techniques Hands-On Hacking teaches readers to see through the eyes of their adversary and apply hacking techniques to better understand real-world risks to computer networks and data. Readers will benefit from the author's years of experience in the field hacking into computer networks and ultimately training others in the art of cyber-attacks. This book holds no punches and explains the tools, tactics and procedures used by ethical hackers and criminal crackers alike. We will take you on a journey through a hacker’s perspective when focused on the computer infrastructure of a target company, exploring how to access the servers and data. Once the information gathering stage is complete, you’ll look for flaws and their known exploits—including tools developed by real-world government financed state-actors. • An introduction to the same hacking techniques that malicious hackers will use against an organization • Written by infosec experts with proven history of publishing vulnerabilities and highlighting security flaws • Based on the tried and tested material used to train hackers all over the world in the art of breaching networks • Covers the fundamental basics of how computer networks are inherently vulnerable to attack, teaching the student how to apply hacking skills to uncover vulnerabilities We cover topics of breaching a company from the external network perimeter, hacking internal enterprise systems and web application vulnerabilities. Delving into the basics of exploitation with real-world practical examples, you won’t find any hypothetical academic only attacks here. From start to finish this book will take the student through the steps necessary to breach an organization to improve its security. Written by world-renowned cybersecurity experts and educators, Hands-On Hacking teaches entry-level professionals seeking to learn ethical hacking techniques. If you are looking to understand penetration testing and ethical hacking, this book takes you from basic methods to advanced techniques in a structured learning format.

Protecting Systems with Data and Algorithms No Starch Press

Security Smarts for the Self-Guided IT Professional “Get to know the hackers—or plan on getting hacked. Sullivan and Liu have created a savvy, essentials-based approach to web app security packed with immediately applicable tools for any information security practitioner sharpening his or her tools or just starting out.” —Ryan McGeehan, Security Manager, Facebook, Inc. Secure web applications from today's most devious hackers. Web Application Security: A Beginner's Guide helps you stock your security toolkit, prevent common hacks, and defend quickly

against malicious attacks. This practical resource includes chapters on authentication, authorization, and session management, along with browser, database, and file security--all supported by true stories from industry. You'll also get best practices for vulnerability detection and secure development, as well as a chapter that covers essential security fundamentals. This book's templates, checklists, and examples are designed to help you get started right away. Web Application Security: A Beginner's Guide features: Lingo--Common security terms defined so that you're in the know on the job IMHO--Frank and relevant opinions based on the authors' years of industry experience Budget Note--Tips for getting security technologies and processes into your organization's budget In Actual Practice--Exceptions to the rules of security explained in real-world contexts Your Plan--Customizable checklists you can use on the job now Into Action--Tips on how, why, and when to apply new skills and techniques at work