Hacking Into Computer Systems A Beginners Guide

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Hacking Into Computer Systems A Beginners Guide ***2024-09-30***

TOWNSEND SINGH

Tactics, Techniques, and Procedures Packt Publishing Ltd Computer hacking is an often misunderstood activity, with hackers being portrayed in the media as all being criminals and deviants. However, as you will discover through reading this book - there is more to hacking than meets the eye!This informative book dispels the myths surrounding computer hacking, and teaches you about the different types of hackers in the world. You will learn about the different hacking techniques that can be used, and also what they are used for.Most importantly, you will learn how to do some basic hacks yourself!If you aspire to become a hacker, or would simply like to discover more about the world of computer hacking - then this book is for you!Here Is What You'll Learn About...What Is Computer HackingDifferent Types Of HacksWhite Hat VS. Black Hat HackingComputer Security BasicHacking CultureSimple Hacking TechniquesHacking TerminologyMuch, Much More!

Computer Hacking Beginners Guide Erick Myers Hacking with Python: The Ultimate Beginners Guide This book will show you how to use Python, create your own hacking tools, and make the most out of available resources that are made using this programming language. If you do not have experience in programming, don't worry - this book will show guide you through understanding the basic concepts of programming and navigating Python codes. This book will also serve as your guide in

understanding common hacking methodologies and in learning how different hackers use them for exploiting vulnerabilities or improving security. You will also be able to create your own hacking scripts using Python, use modules and libraries that are available from third-party sources, and learn how to tweak existing hacking scripts to address your own computing needs. Order your copy now!

Hacking for Beginners Lulu Press, Inc

Before the Internet became widely known as a global tool for terrorists, one perceptive U.S. citizen recognized its ominous potential. Armed with clear evidence of computer espionage, he began a highly personal quest to expose a hidden network of spies that threatened national security. But would the authorities back him up? Cliff Stoll's dramatic firsthand account is "a computer-age detective story, instantly fascinating [and] astonishingly gripping" (Smithsonian). Cliff Stoll was an astronomer turned systems manager at Lawrence Berkeley Lab when a 75-cent accounting error alerted him to the presence of an unauthorized user on his system. The hacker's code name was "Hunter"—a mysterious invader who managed to break into U.S. computer systems and steal sensitive military and security information. Stoll began a one-man hunt of his own: spying on the spy. It was a dangerous game of deception, broken codes, satellites, and missile bases—a one-man sting operation that finally gained the attention of the CIA . . . and ultimately trapped an international spy ring fueled by cash, cocaine, and the KGB.

Computer Hacking Sarkar publication

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.

A Step by Step Guide on Hacking Encyclopedia Createspace Independent Publishing Platform

Would You Like To Learn Exactly How To Take Your Hacking Skills To The Next Level? - NOW INCLUDES FREE GIFTS! (see below for details) Do you want to learn how to make money with hacking legally? Do you want to delve even deeper into the art of hacking? Do you love solving puzzles and seeing how computer systems work? If the answer to any of these questions is yes, this book will provide you with the answers you've been looking for! While some hackers use their skills to commit crimes, others use their skills for less nefarious means. Just about everything that we do is online now. There is a huge need for ethical hackers to test applications, system security, etc, and with the right skills, you can make some serious money as a penetration tester while staying on the right side of the law! In this book we will look at: The basics of coding and programming that you, as a hacker, need to know in order to be successful. We look at important concepts such as compiling code and ensuring that the code works. We also look at shortcuts when it comes to planning out your code so that you don't end up writing pages and pages of code only to find that it doesn't work as it should, thereby saving you valuable time. We look at the free systems that will enable you to perform penetration testing and that can easily be run alongside your normal operating system. This system is opensource, free, easy to edit and, best of all, very light on resources, and we'll show you how to get it as well as how it works! We will show you how to make your life as a hacker easier by finding exploits that are ready to go - all you'll need to do is to match up the right code to the right system and execute the code. Having a database of exploits at your fingertips can save you a HUGE amount of time and effort in the long run! We'll also go into exactly what penetration testing is and how it works. We walk you step by step through your first pen testing exercise so that you can get your toes wet without any issues. We also go through what a career in pen testing might entail and some of the options available. Next, we go through more in-depth information on concepts that are very important to any hacker - like networking and how it works; detecting hacking attempts; counter-measures that you might need to deal with, and how to deal with them; and how you can stay in the shadows during and after an attack. We will go through how you can remove the evidence of the attack as a whole. We then give a rundown of the most popular tools that hackers use to get information and how they work. We also go over how to protect yourself if someone tries to use these tools on you! Finally, we look into the exciting world of cryptography and why you as a hacker should be considering learning more about it. We go over the importance of encryption and when it is important for you to encrypt your own files. This serves as an interesting introduction that should whet your appetite to learn more about cryptography. Who knows, maybe it will inspire you to begin a career as a code-breaker yourself? ...and much more! Also included for a limited time only are 2 FREE GIFTS, including a full length, surprise FREE BOOK! Take the first step towards mastering hacking today. Click the

buy now button above for instant access. Also included are 2 FREE GIFTS! - A sample from one of my other best-selling books, and full length, FREE BOOKS included with your purchase!

Hacking Guru99

Learn how to hack systems like black hat hackers and secure them like security experts Key Features Understand how computer systems work and their vulnerabilities Exploit weaknesses and hack into machines to test their security Learn how to secure systems from hackers Book Description This book starts with the basics of ethical hacking, how to practice hacking safely and legally, and how to install and interact with Kali Linux and the Linux terminal. You will explore network hacking, where you will see how to test the security of wired and wireless networks. You'll also learn how to crack the password for any Wi-Fi network (whether it uses WEP, WPA, or WPA2) and spy on the connected devices. Moving on, you will discover how to gain access to remote computer systems using client-side and server-side attacks. You will also get the hang of post-exploitation techniques, including remotely controlling and interacting with the systems that you compromised. Towards the end of the book, you will be able to pick up web application hacking techniques. You'll see how to discover, exploit, and prevent a number of website vulnerabilities, such as XSS and SQL injections. The attacks covered are practical techniques that work against real systems and are purely for educational purposes. At the end of each section, you will learn how to detect, prevent, and secure systems from these attacks. What you will learn Understand ethical hacking and the different fields and types of hackers Set up a penetration testing lab to practice safe and legal hacking Explore Linux basics, commands, and how to interact with the terminal Access password-protected networks and spy on connected clients Use server and client-side attacks to hack and control remote computers Control a hacked system remotely and use it to hack other systems Discover, exploit, and prevent a number of web application vulnerabilities such as XSS and SQL injections Who this book is for Learning Ethical Hacking from Scratch is for anyone interested in learning how to hack and test the security of systems like professional hackers and security experts.

Hacking For Dummies Createspace Independent Publishing Platform

Would You Like To Learn Exactly How To Take Your Hacking Skills To The Next Level? - NOW INCLUDES FREE GIFTS! (see below for details) Do you want to learn how to make money with hacking legally? Do you want to delve even deeper into the art of hacking? Do you love solving puzzles and seeing how computer systems work? If the answer to any of these questions is yes, this book will provide you with the answers you've been looking for! While some hackers use their skills to commit crimes, others use their skills for less nefarious means. Just about everything that we do is online now. There is a huge need for ethical hackers to test applications, system security, etc, and with the right skills, you can make some serious money as a penetration tester while staying on the right side of the law! In this book we will look at: The basics of coding and programming that you, as a hacker, need to know in order to be successful. We look at important concepts such as compiling code and ensuring that the code works. We also look at shortcuts when it comes to planning out

your code so that you don't end up writing pages and pages of code only to find that it doesn't work as it should, thereby saving you valuable time. We look at the free systems that will enable you to perform penetration testing and that can easily be run alongside your normal operating system. This system is opensource, free, easy to edit and, best of all, very light on resources, and we'll show you how to get it as well as how it works! We will show you how to make your life as a hacker easier by finding exploits that are ready to go - all you'll need to do is to match up the right code to the right system and execute the code. Having a database of exploits at your fingertips can save you a HUGE amount of time and effort in the long run! We'll also go into exactly what penetration testing is and how it works. We walk you step by step through your first pen testing exercise so that you can get your toes wet without any issues. We also go through what a career in pen testing might entail and some of the options available. Next, we go through more in-depth information on concepts that are very important to any hacker - like networking and how it works; detecting hacking attempts; counter-measures that you might need to deal with, and how to deal with them; and how you can stay in the shadows during and after an attack. We will go through how you can remove the evidence of the attack as a whole. We then give a rundown of the most popular tools that hackers use to get information and how they work. We also go over how to protect yourself if someone tries to use these tools on you! Finally, we look into the exciting world of cryptography and why you as a hacker should be considering learning more about it. We go over the importance of encryption and when it is important for you to encrypt your own files. This serves as an interesting introduction that should whet your appetite to learn more about cryptography. Who knows, maybe it will inspire you to begin a career as a code-breaker yourself? ...and much more! Also included for a limited time only are 2 FREE GIFTS, including a full length, surprise FREE BOOK! Take the first step towards mastering hacking today. Click the buy now button above for instant access. Also included are 2 FREE GIFTS! - A sample from one of my other best-selling books, and full length, FREE BOOKS included with your purchase!

Learn the Basics of Ethical Hacking and Penetration Testing Createspace Independent Publishing Platform

Hacking (FREE Bonus Included)10 Easy Beginners Tutorials on How to Hack Plus Basic Security TipsIn this e-book, I'll teach you how easy it is to hack into personal and commercial computer systems - so easy that you may be able to do it yourself. Ethical hacking involves testing your security yourself, or hiring people to see if your site or computer(s) can be hacked. My tutorials will put you in the shoes of a hacker who is determined to get inside the computers and systems of businesses and individuals, to gain information or to steal or destroy files. From stealing credit card information to deleting folders in a system, hackers can destroy many aspects of your home or business and your record-keeping. There are tools available for hacking online, and some of them work without assistance from a user. They are arguably not as effective as hacking "hands-on", where you can react to what you find when you try to access a computer, network or system. From penetration testing, where you check to see how effective a security system may be, to a full-scale hack of a company server, there are many levels of hacking, both legal and illegal. Learn

about hacking to see how it can affect you. I will include tutorials in: Basic hacking Smartphone hacking Becoming an accomplished hacker Hacking servers and systems Hacking websites Hacking Facebook accounts Protecting yourself and your company from attack by hackers Read this book, and find "BONUS: Your FREE Gift" chapter right after the introduction or after the conclusion.

How to Become a Hacker John Wiley & Sons

Would You Like to Learn Exactly What It Means to be a Hacker? - NOW INCLUDES FREE GIFTS! (see below for details) Have you always secretly admired how tech savvy hackers are? Does the word "hacker" make you think of the cool kids who don't obey society's rules? Or does the idea of someone hacking your system and stealing your data make you break out into a cold sweat? Do you want to understand how hacking works for once and for all? If the answer to any of these questions is yes, this book will provide you with the answers you've been looking for! What might come as a surprise to you is that hacking does not need to mean having mad computer skills. You need to know some basics, naturally, but hacking a computer system is a lot simpler than you might think. And there are a lot of software and tools out there that can help you grow from a hacking novice to a hacking expert in a very short period of time. The truth is that no system is ever truly 100% safe. Most systems have coding errors that make them more vulnerable to attack simply for the reason that programmers have to rush to get the latest apps, etc. to market before anyone else does. It is only when there is a glitch or when the system is actually hacked that these errors are even found. And, if the hacker wants to maintain access to the system, they will work at hiding these vulnerabilities from everyone else so they might never come to light. And passwords are not the ultimate answer either. Even the strongest passwords can be cracked if you have the right software and enough time. If you want to learn how to beat a hacker at their own game, you need to start thinking as they do. And what about if you are more interested in the other side of the coin? Becoming the hacker and avoiding detection? Well, this book looks at things from both sides of the equation. You need to learn how to be a hacker yourself if you really want to be effective at beating other hackers. How you use the information provided is up to you at the end of the day. It can be a rollercoaster that will sometimes have you wondering if you have the stuff to make it. But I can promise you one thing. Whether you are the hacker or are working to prevent a system being hacked, you are guaranteed an interesting ride. When hacking a system depends on buying yourself enough time to allow the password cracker to do its work, or when it means outsmarting someone on the other end of the line, it can be a real adrenaline rush. Being a successful hacker is about using the right tools for the right job and, ultimately, being the smartest person in that battle. Do you have what it takes? Why not read on and see? In this book, we will look at: How Hacking Works Hacking Networks and Computer Systems Information Gathering Using the Data You Gathered Password Cracking for Beginners Applications to Gain Entry to Systems Wireless Hacking ...and much more! Also included for a limited time only are 2 FREE GIFTS, including a full length, surprise FREE BOOK! Take the first step towards becoming an expert hacker today. Click the buy now button above for instant access. Also

included are 2 FREE GIFTS! - A sample from one of my other bestselling books, and full length, FREE BOOKS included with your purchase!

Hacking With Python oshean collins

Do You Want To Know Computer Hacking, Basic Security, and Penetration Testing? Today only, get this Amazon bestseller for 9.99. Regularly priced at $14.99. Read on your PC, Mac, smart phone, tablet or Kindle device. This book contains proven steps and strategies on how to become a skilled hacker.This eBook will teach you the basics of computer hacking. It will explain the two major types of hackers and discuss the advantages of being an ethical hacker. This book also contains detailed instructions regarding penetration testing, network security, and hacking procedures. If you're looking for a comprehensive guide to hacking, this book is exactly what you need.This material will arm you with the skills and knowledge needed in launching hacking attacks, protecting computer networks, and conducting penetration tests. Additionally, this book will discuss the best hacking tools currently available. Links to these tools are included-you can add these programs into your hacking "toolkit" quickly and easily. You need this book. Here Is A Preview Of What You'll Learn... Types of Hackers Penetration Testing Mapping Your Target Scanning the Target Analyzing the Open Ports Evaluating the Weaknesses Accessing the Target Social Engineering Passwords Wireless LAN Attacks Much, much more! Get your copy today!Take action today and get this book for a limited time discount!

Hacking Createspace Independent Publishing Platform

So you want to be a harmless hacker? "You mean you can hack without breaking the law?" That was the voice of a high school freshman. He had me on the phone because his father had just taken away his computer. His offense? Cracking into my Internet account. The boy had hoped to impress me with how "kewl" he was. But before I realized he had gotten in, a sysadmin at my ISP had spotted the kid's harmless explorations and had alerted the parents. Now the boy wanted my help in getting back on line. I told the kid that I sympathized with his father. What if the sysadmin and I had been major grouches? This kid could have wound up in juvenile detention. Now I don't agree with putting harmless hackers in jail, and I would never have testified against him. But that's what some people do to folks who go snooping in other people's computer accounts -- even when the culprit does no harm. This boy needs to learn how to keep out of trouble! Hacking is the most exhilarating game on the planet. But it stops being fun when you end up in a cell with a roommate named "Spike." But hacking doesn't have to mean breaking laws. In this series of Guides we teach safe hacking so that you don't have to keep looking back over your shoulders for narcs and cops.

Hands on Hacking Createspace Independent Publishing Platform

Hacking (FREE Bonus Included)Learn the Basics of Ethical Hacking and Penetration TestingIf you've ever read about computer hacking, you might be surprised to learn that companies actually pay people to try to hack into their systems. It's called "ethical hacking". Should you decide to learn to conduct ethical hacking, you will be responsible for helping organizations to protect their assets and information systems from malicious hackers, who would like to take advantage of any information they can get their hands on. It's quite an interesting

field of work, learning to legally hack into the systems of organizations like utility companies, banks and even government agencies. You will use the same skills as malicious hackers, but you will be using them for a much nobler purpose. Instead of trying to rip companies off, or steal secrets, you will be reporting the problems in their systems, so that they can repair them. Ethical hacking pays well, and it can easily be a full time job. Courses are available in various locations. You can research courses online and register for classes that will qualify you to be a certified ethical hacker. Here is what you will learn after reading this book: White hat hacking versus black hat and gray hat hacking How to hack into computer systems Reporting vulnerabilities to business management Becoming CEH certified as an ethical hacker Performing penetration testing Helping IT management to protect their sensitive information Getting Your FREE BonusRead this book, and find "BONUS: Your FREE Gift" chapter right after the introduction or after the conclusion.
Hacking Createspace Independent Publishing Platform
Using a computer system to gain unauthorized access to a computer system or network. "Hacking is not necessarily bad. Hacking is having that bug in you that says I have got to figure this out", said the Director of Information Security at Advantage Technology. And since computers and the internet are now a major part of our society, understanding hacking and protecting your information is more important than ever. Thanks to Hollywood and the mainstream media, hackers are stereotypical nerds. They are viewed as extremely smart, socially awkward basement dwellers, and on top of that, they are seen as criminals. It is believed that a hacker can take control of anything, ranging from someone's mobile device to national security servers. Hacking as we think of it today goes back to the early days of telecommunications when calls were first being handled by computer systems and the industry was moving away for human operators. The computers that made phone connections generated specific tones over the lines in order to communicate with one another. Early hackers would study these sounds and learn to manipulate the computers by replicating the tones, a technique that became known as "phreaking." One of the best known "phreaks" was John Draper who discovered a whistle that came in Cap'n Crunch cereal that combined just the right pitch and frequency to stop a phone recording and put the caller in operator mode, allowing him to make unlimited calls. And just like everyday life, there are good guys and bad guys. Criminal hackers, known as "black hat" hackers, will look for vulnerabilities in a computer system and use it to their advantage, for example, to block access to users, download information, or to deliver a malicious software. However, not all hackers are cyber criminals out to get you. In fact, there is a whole profession built around good or ethical hacking called "penetration testing" which is the practice of testing a computer systems, network or application to find vulnerabilities that an attacker could exploit. These ethical hackers are known as "white hat" hackers. The white hats are considered the ethical hackers, using their skills to protect companies from a criminal attack. They often work with security researchers by testing an organization's system for vulnerabilities. On the opposite end, black hats are what give the word hacker a negative connotation. They aim to exploit companies or individual devices for illegal gain. There is also a

group known as "gray hat" hackers, they are not malicious, but they might still operate outside the law. An example of a gray hat hacker might be a "hacktivist" that is engaged in political activism that they feel in just, even when they are breaking the law. Another type of hacker is the "script a kiddie," which is an unskilled person who uses existing computer code, which they had no involvement in producing, to hack into computers. Script kiddies demonstrate that a person doesn't even have to create their own code in order to hack. The main target for cyber criminals is typically an organization's servers. This is where most data is stored, and it is a jackpot full of sensitive data. Once inside, hackers can have a devastating effect on a company from releasing private correspondence to stealing trade secrets. Everyone is venerable to hacking because everyone has connected devices today. We've come a long way from when it was only phone systems that were controlled by computers and cereal box prizes could get free long distant calls. Today a script kiddie can take the code that a Russian hacker developed and deploy a ransom ware attack. It's not just big corporations that need to worry about hacking anymore, and that's why it's important to engage Advantage Technology to assess your information security risks today.

The Most Comprehensive Guide to Learning Effective Ethical Hacking Strategies Hacker Basic Security, Networking Hacking, Kali Linux for Hackers Createspace Independent Publishing Platform

SPECIAL DISCOUNT PRICING: $8.95! Regularly priced: $11.99 $14.99. Get this Amazing #1 Amazon Top Release - Great Deal!This book will teach you how you can protect yourself from most common hacking attacks -- by knowing how hacking actually works! After all, in order to prevent your system from being compromised, you need to stay a step ahead of any criminal hacker. You can do that by learning how to hack and how to do a counter-hack.Within this book are techniques and tools that are used by both criminal and ethical hackers - all the things that you will find here will show you how information security can be compromised and how you can identify an attack in a system that you are trying to protect. At the same time, you will also learn how you can minimize any damage in your system or stop an ongoing attack.With Hacking: Computer Hacking Beginners Guide..., you'll learn everything you need to know to enter the secretive world of computer hacking. It provides a complete overview of hacking, cracking, and their effect on the world. You'll learn about the prerequisites for hacking, the various types of hackers, and the many kinds of hacking attacks: Active Attacks Masquerade Attacks Replay Attacks Modification of Messages Spoofing Techniques WiFi Hacking Hacking Tools Your First Hack Passive AttacksGet Your Hacking: Computer Hacking Beginners Guide How to Hack Wireless Network, Basic Security, and Penetration Testing, Kali Linux, Your First Hack right away - This Amazing New Edition puts a wealth of knowledge at your disposal. You'll learn how to hack an email password, spoofing techniques, WiFi hacking, and tips for ethical hacking. You'll even learn how to make your first hack.Today For Only $8.90. Scroll Up And Start Enjoying This Amazing Deal Instantly

Step by Step Guide to Become a Professional Hacker, Penetration Testing, Cracking Codes, Computer Virus and Many More Createspace Independent Publishing Platform

Hacker extraordinaire Kevin Mitnick delivers the explosive encore to his bestselling The Art of Deception Kevin Mitnick, the world's most celebrated hacker, now devotes his life to helping businesses and governments combat data thieves, cybervandals, and other malicious computer intruders. In his bestselling The Art of Deception, Mitnick presented fictionalized case studies that illustrated how savvy computer crackers use "social engineering" to compromise even the most technically secure computer systems. Now, in his new book, Mitnick goes one step further, offering hair-raising stories of real-life computer break-ins-and showing how the victims could have prevented them. Mitnick's reputation within the hacker community gave him unique credibility with the perpetrators of these crimes, who freely shared their stories with him-and whose exploits Mitnick now reveals in detail for the first time, including: A group of friends who won nearly a million dollars in Las Vegas by reverse-engineering slot machines Two teenagers who were persuaded by terrorists to hack into the Lockheed Martin computer systems Two convicts who joined forces to become hackers inside a Texas prison A "Robin Hood" hacker who penetrated the computer systems of many prominent companies-andthen told them how he gained access With riveting "you are there" descriptions of real computer break-ins, indispensable tips on countermeasures security professionals need to implement now, and Mitnick's own acerbic commentary on the crimes he describes, this book is sure to reach a wide audience-and attract the attention of both law enforcement agencies and the media.

The Ultimate Beginners Guide John Wiley & Sons

Welcome to this comprehensive course on Ethical Hacking. This course assumes you have NO prior knowledge in hacking and by the end of it, you should be able to hack systems like black-hat hackers and secure them like security experts. This course is highly practical, but it will not neglect the theory, so we will begin with ethical hacking basics and the different fields in penetration testing, installing the needed and then we will start hacking systems straight away. From here onwards you will learn everything by example, by analysing and exploiting computer systems such as networks, servers, clients, websites and more.The course is divided into a number of sections, each section covers a penetration testing / hacking field, in each of these sections you'll first learn how the target system works, the weaknesses of this system, and how to practically exploit theses weaknesses and hack into it, not only that but you will also learn how to secure this system from the discussed attacks. This course will take you from a beginner to a more advanced level by the time you finish, you will have knowledge about most penetration testing fields. This book will ultimately enable you to become an Ethical Hacker that can Hack Computer Systems like Black Hat Hackers and Secure them like Security Experts.All the techniques in this course are practical and work against real systems, you will understand the whole mechanism of each technique first, then you will learn how to use it to hack into the target system, so by the end of the course you will be able to modify the these techniques to launch more powerful attacks, and adopt them to different situations and different scenarios.You will learn the following: -Start from scratch up to a high-intermediate level-Learn what is ethical hacking, its fields and the different types of hackers-Install hacking lab & needed software-

Hack & secure both WiFi & wired networks-Discover vulnerabilities & exploit them hack into servers-Hack secure systems using client-side and social engineering attacks-Use 40+ hacking tools such as Metasploit, Aircrack-ng, SQLmap.....etc-Understand how websites work, how to discover & exploit web vulnerabilities to gain control over websites-Secure systems from all the attacks shown-Install Kali Linux - a penetration testing operating system-Install Windows & vulnerable operating systems as virtual machines for testing-Learn linux basics-Learn Learn linux commands and how to interact with the terminal-Learn Network Penetration Testing-Network basics & how devices interact inside a network-Perform several practical attacks that can be used without knowing the key to the target network-Control connections of clients around you without knowing the password.-Gather detailed information about clients and networks like their OS, opened ports ...etc.-Crack WEP/WPA/WPA2 encryptions using several methods.-ARP Spoofing/ARP Poisoning-Launch Various Man In The Middle attacks.-Gain access to any account accessed by any client in your network.-Sniff packets from clients and analyse them to extract info such as: passwords, cookies, urls, videos, images.-Discover open ports, installed services and vulnerabilities on computer systems-Gain control over computer systems using server-side attacks-Exploit buffer overflows and code execution vulnerabilities to gain control over systems-Gain control over computer systems using client-side attacks-Gain control over computer systems using fake updates-Gain control over computer systems by backdooring downloads on the fly-Create undetectable backdoors-Backdoor normal programs-Backdoor any file type such as pictures, pdf's ...etc.-Gather information about people, such as emails, social media accounts, emails and friends-Use social engineering to gain full control over target systems

The Art of Intrusion John Wiley & Sons

Learn how to hack systems like black hat hackers and secure them like security experts Key Features: Understand how computer systems work and their vulnerabilities Exploit weaknesses and hack into machines to test their security Learn how to secure systems from hackers Book Description: This book starts with ethical hacking basics, how to practice hacking safely and legally, and how to install and interact with Kali Linux and the Linux terminal. You will explore network hacking, where you will see how to test wired and wireless networks' security. You'll also learn how to crack the password for any Wi-Fi network (whether it uses WEP, WPA, or WPA2) and spy on the connected devices. Moving on, you will discover how to gain access to remote computer systems using client-side and server-side attacks. You will also get the hang of post-exploitation techniques, including remotely controlling and interacting with the systems that you compromised. Towards the end of the book, you will be able to pick up web application hacking techniques. You'll see how to discover, exploit, and prevent several website vulnerabilities, such as XSS and SQL injections. The attacks covered are practical techniques that work against real systems and are purely for educational purposes. At the end of each section, you will learn how to detect, prevent, and secure systems from these attacks. What you will learn Understand ethical hacking and the different fields and types of hackers Set up a penetration testing lab to practice safe and legal hacking Explore Linux basics, commands,

and how to interact with the terminal Access password-protected networks and spy on connected clients Use server and client-side attacks to hack and control remote computers Control a hacked system remotely and use it to hack other systems Discover, exploit, and prevent some web application vulnerabilities such as XSS and SQL injections Who this book is for Learning Ethical Hacking from Scratch is for anyone interested in learning how to hack and test the security of systems like professional hackers and security experts.

HACK-X-CRYPT Hacking Into Computer Systems- a Beginners Guide

This text introduces the spirit and theory of hacking as well as the science behind it all; it also provides some core techniques and tricks of hacking so you can think like a hacker, write your own hacks or thwart potential system attacks.

Hacking Independently Published

This book on computer security threats explores the computer security threats and includes a broad set of solutions to defend the computer systems from these threats. The book is triggered by the understanding that digitalization and growing dependence on the Internet poses an increased risk of computer security threats in the modern world. The chapters discuss different research frontiers in computer security with algorithms and implementation details for use in the real world. Researchers and practitioners in areas such as statistics, pattern recognition, machine learning, artificial intelligence, deep learning, data mining, data analytics and visualization are contributing to the field of computer security. The intended audience of this book will mainly consist of researchers, research students, practitioners, data analysts, and business professionals who seek information on computer security threats and its defensive measures.

Common Windows, Linux and Web Server Systems Hacking Techniques The Rosen Publishing Group, Inc

A Trojan horse or Trojan is a type of malware that is often disguised as legitimate software. Trojans can be employed by cyber-thieves and hackers trying to gain access to users' systems. Users are typically tricked by some form of social engineering into loading and executing Trojans on their systems. Once activated, Trojans can enable cyber-criminals to spy on you, steal your sensitive data, and gain backdoor access to your system. A computer virus is a type of computer program that, when executed, replicates itself by modifying other computer programs and inserting its own code. If this replication succeeds, the affected areas are then said to be "infected" with a computer virus. Computer viruses generally require a host program. System hacking is defined as the compromise of computer systems and software to access the target computer and steal or misuse their sensitive information. Here the malicious hacker exploits the weaknesses in a computer system or network to gain unauthorized access to its data or take illegal advantage. Web content is generated in real time by a software application running at server-side. So hackers attack on the web server to steal credential information, passwords, and business information by using DoS (DDos) attacks, SYN flood, ping flood, port scan, sniffing attacks, and social engineering attacks. This report covers the common techniques and tools used for System, Windows, Linux and Web Server Hacking. The report contains from the following sections: • Part A: Setup Lab: • Part B: Trojens

and Backdoors and Viruses • Part C: System Hacking • Part D: Hacking Web Servers • Part E: Windows and Linux Hacking