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[Certified Ethical Hacker \(Ceh\) Version 10 Cert Guide](#) Jul 31 2022 This best-of-breed study guide helps you master all the topics you need to know to succeed on your Certified Ethical Hacker exam and advance your career in IT security. This concise, focused approach explains every exam objective from a real-world perspective, helping you quickly identify weaknesses and retain everything you need to know. Every feature of this book supports both efficient exam preparation and long-term mastery: Opening Topics Lists identify the topics you need to learn in each chapter and list EC-Council's official exam objectives Key Topics figures, tables, and lists call attention to the information that's most crucial for exam success Exam Preparation Tasks enable you to review key topics, complete memory tables, define key terms, work through scenarios, and answer review questions...going beyond mere facts to master the concepts that are crucial to passing the exam and enhancing your career Key Terms are listed in each chapter and defined in a complete glossary, explaining all the field's essential terminology

[CEH v11](#) Nov 03 2022 Master CEH v11 and identify your weak spots CEH: Certified Ethical Hacker Version 11 Practice Tests are the ideal preparation for this high-stakes exam. Five complete, unique practice tests are designed to help you identify weak spots in your understanding, so you can direct your preparation efforts efficiently and gain the confidence—and skills—you need to pass. These tests cover all section sections of the exam blueprint, allowing you to test your knowledge of Background, Analysis/Assessment, Security, Tools/Systems/Programs, Procedures/Methodology, Regulation/Policy, and Ethics. Coverage aligns with CEH version 11, including material to test your knowledge of reconnaissance and scanning, cloud, tablet, and mobile and wireless security and attacks, the latest vulnerabilities, and the new emphasis on Internet of Things (IoT). The exams are designed to familiarize CEH candidates with the test format, allowing them to become more comfortable apply their knowledge and skills in a high-pressure test setting. The ideal companion for the Sybex CEH v11 Study Guide, this book is an invaluable tool for anyone aspiring to this highly-regarded certification. Offered by the International Council of Electronic Commerce Consultants, the Certified Ethical Hacker certification is unique in the penetration testing sphere, and requires preparation specific to the CEH exam more than general IT security knowledge. This book of practice tests help you steer your study where it needs to go by giving you a glimpse of exam day while there's still time to prepare. Practice all seven sections of the CEH v11 exam Test your knowledge of security, tools, procedures, and regulations Gauge your understanding of vulnerabilities and threats Master the material well in advance of exam day By getting inside the mind of an attacker, you gain a one-of-a-kind perspective that dramatically boosts your marketability and advancement potential. If you're ready to attempt this unique certification, the CEH: Certified Ethical Hacker Version 11 Practice Tests are the major preparation tool you should not be without.

[CEH V11, 2nd Edition](#) Oct 22 2021 Master CEH v11 and identify your weak spots CEH: Certified Ethical Hacker Version 11 Practice Tests are the ideal preparation for this high-stakes exam. Five complete, unique practice tests are designed to help you identify weak spots in your understanding, so you can direct your preparation efforts efficiently and gain the confidence—and skills—you need to pass. These tests cover all section sections of the exam blueprint, allowing you to test your knowledge of Background, Analysis/Assessment, Security, Tools/Systems/Programs, Procedures/Methodology, Regulation/Policy, and Ethics. Coverage aligns with CEH version 11, including material to test your knowledge of reconnaissance and scanning, cloud, tablet, and mobile and wireless security and attacks, the latest vulnerabilities, and the new emphasis on Internet of Things (IoT). The exams are designed to familiarize CEH candidates with the test format, allowing them to become more comfortable apply their knowledge and skills in a high-pressure test setting. The ideal companion for the Sybex CEH v11 Study Guide, this book is an invaluable tool for anyone aspiring to this highly-regarded certification. Offered by the International Council of Electronic Commerce Consultants, the Certified Ethical Hacker certification is unique in the penetration testing sphere, and requires preparation specific to the CEH exam more than general IT security knowledge. This book of practice tests help you steer your study where it needs to go by giving you a glimpse of exam day while there's still time to prepare. Practice all seven sections of the CEH v11 exam Test your knowledge of security, tools, procedures, and regulations Gauge your understanding of vulnerabilities and threats Master the material well in advance of exam day By getting inside the mind of an attacker, you gain a one-of-a-kind perspective that dramatically boosts your marketability and advancement potential. If you're ready to attempt this unique certification, the CEH: Certified Ethical Hacker Version 11 Practice Tests are the major preparation tool you should not be without.

Python Ethical Hacking from Scratch Dec 12 2020 Explore the world of practical ethical hacking by developing custom network scanning and remote access tools that will help you test the system security of your organization Key FeaturesGet hands-on with ethical hacking and learn to think like a real-life hackerBuild practical ethical hacking tools from scratch with the help of real-world examplesLeverage Python 3 to develop malware and modify its complexitiesBook Description Penetration testing enables you to evaluate the security or strength of a computer system, network, or web application that an attacker can exploit. With this book, you'll understand why Python is one of the fastest-growing programming languages for penetration testing. You'll find out how to harness the power of Python and pentesting to enhance your system security. Developers working with Python will be able to put their knowledge and experience to work with this practical guide. Complete with step-by-step explanations of essential concepts and practical examples, this book takes a hands-on approach to help you build your own pentesting tools for testing the security level of systems and networks. You'll learn how to develop your own ethical hacking tools using Python and explore hacking techniques to exploit vulnerabilities in networks and systems. Finally, you'll be able to get remote access to target systems and networks using the tools you develop and modify as per your own requirements. By the end of this ethical hacking book, you'll have developed the skills needed for building cybersecurity tools and learned how to secure your systems by thinking like a hacker. What you will learnUnderstand the core concepts of ethical hackingDevelop custom hacking tools from scratch to be used for ethical hacking purposesDiscover ways to test the cybersecurity of an organization by bypassing protection schemesDevelop attack vectors used in real cybersecurity testsTest the system security of an organization or subject by identifying and exploiting its weaknessesGain and maintain remote access to target systemsFind ways to stay undetected on target systems and local networksWho this book is for If you want to learn ethical hacking by developing your own tools instead of just using the prebuilt tools, this book is for you. A solid understanding of fundamental Python concepts is expected. Some complex Python concepts are explained in the book, but the goal is to teach ethical hacking, not Python.

A Tour Of Ethical Hacking Sep 28 2019 If you are a beginner and want to become a Hacker then this book can help you a lot to understand the hacking. This book contains several techniques of hacking with their complete step by step demonstration which will be better to understand and it can also help you to prevent yourself from hacking or cyber crime also.

[CEH Certified Ethical Hacker All-in-One Exam Guide, Fourth Edition](#) Sep 20 2021 Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Up-to-date coverage of every topic on the CEH v10 exam Thoroughly updated for CEH v10 exam objectives, this integrated self-study system offers complete coverage of the EC-Council's Certified Ethical Hacker exam. In this new edition, IT security expert Matt Walker discusses the latest tools, techniques, and exploits relevant to the exam. You'll find learning objectives at the beginning of each chapter, exam tips, practice exam questions, and in-depth explanations. Designed to help you pass the exam with ease, this comprehensive resource also serves as an essential on-the-job reference. Covers all exam topics, including: •Ethical hacking fundamentals•Reconnaissance and footprinting•Scanning and enumeration•Sniffing and evasion•Attacking a system•Hacking web servers and applications•Wireless network hacking•Security in cloud computing•Trojans and other attacks•Cryptography•Social engineering and physical security•Penetration testing Digital content includes: •300 practice exam questions•Test engine that provides full-length practice exams and customized quizzes by chapter

CEH v9 May 29 2022 Combines the popular Sybex CEH v9: Certified Ethical Hacker Version 9 Study Guide ISBN 978-1-119-25224-5 updated for the CEH v9 exam with the all new CEH v9: Certified Ethical Hacker Version 9 Practice Tests ISBN: 978-1-119-25215-3. With these you get: The CEH v9: Certified Ethical Hacker Version 9 Study Guide is your ideal companion for CEH v9 exam preparation. This comprehensive, in-depth review of CEH certification requirements is designed to help you internalize critical information using concise, to-the-point explanations and an easy-to-follow approach to the material. Covering all sections of the exam, the discussion highlights essential topics like intrusion detection, DDoS attacks, buffer overflows, and malware creation in detail, and puts the concepts into the context of real-world scenarios. Each chapter is mapped to the corresponding exam objective for easy reference, and the Exam Essentials feature helps you identify areas in need of further study. You also get access to online study tools including chapter review questions, full-length practice exams, hundreds of electronic flashcards, and a glossary of key terms to help you ensure full mastery of the exam material. The Certified Ethical Hacker is one-of-a-kind in the cybersecurity sphere, allowing you to delve into the mind of a hacker for a unique perspective into penetration testing. This guide is your ideal exam preparation resource, with specific coverage of all CEH objectives and plenty of practice material. CEH: Certified Ethical Hacker Version 9 Practice Tests add preparation for this high-stakes exam. Five complete, unique practice tests are designed to help you identify weak spots in your understanding, so you can direct your preparation efforts efficiently and gain the confidence—and skills—you need to pass. The exams are designed to familiarize CEH candidates with the test format, allowing them to become more comfortable reading a Wireshark .pcap file or viewing visual depictions of network attacks. The ideal companion for the Sybex CEH v9 Study Guide, this book is an invaluable tool for anyone aspiring to this highly-regarded certification.

[Hacken für Dummies](#) Jun 25 2019 Um einen Hacker zu überlisten, müssen Sie sich in die Denkweise des Hackers hineinversetzen. Deshalb lernen Sie mit diesem Buch, wie ein Bösewicht zu denken. Der Fachmann für IT-Sicherheit Kevin Beaver teilt mit Ihnen sein Wissen über Penetrationstests und typische Schwachstellen in IT-Systemen. Er zeigt Ihnen, wo Ihre Systeme verwundbar sein könnten, sodass Sie im Rennen um die IT-Sicherheit die Nase vorn behalten. Denn wenn Sie die Schwachstellen in Ihren Systemen kennen, können Sie sie besser schützen und die Hacker kommen bei Ihnen nicht zum Zug!

[CEH v10 Certified Ethical Hacker Study Guide](#) Apr 27 2022 As protecting information becomes a rapidly growing concern for today's businesses, certifications in IT security have become highly desirable, even as the number of certifications has grown. Now you can set yourself apart with the Certified Ethical Hacker (CEH v10) certification. The CEH v10 Certified Ethical Hacker Study Guide offers a comprehensive overview of the CEH certification requirements using concise and easy-to-follow instruction. Chapters are organized by exam objective, with a handy section that maps each objective to its corresponding chapter, so you can keep track of your progress. The text provides thorough coverage of all topics, along with challenging chapter review questions and Exam Essentials, a key feature that identifies critical study areas. Subjects include intrusion detection, DDoS attacks, buffer overflows, virus creation, and more. This study guide goes beyond test prep, providing practical hands-on exercises to reinforce vital skills and real-world scenarios that put what you've learned into the context of actual job roles. Gain a unique certification that allows you to understand the mind of a hacker Expand your career opportunities with an IT certificate that satisfies the Department of Defense's 8570 Directive for Information Assurance positions Fully updated for the 2018 CEH v10 exam, including the latest developments in IT security Access the Sybex online learning center, with chapter review questions, full-length practice exams, hundreds of electronic flashcards, and a glossary of key terms Thanks to its clear organization, all-inclusive coverage, and practical instruction, the CEH v10 Certified Ethical Hacker Study Guide is an excellent resource for anyone who needs to understand the hacking process or anyone who wants to demonstrate their skills as a Certified Ethical Hacker.

[CEH v9](#) Jan 31 2020 The ultimate preparation guide for the unique CEH exam. The CEH v9: Certified Ethical Hacker Version 9 Study Guide is your ideal companion for CEH v9 exam preparation. This comprehensive, in-depth review of CEH certification requirements is designed to help you internalize critical information using concise, to-the-point explanations and an easy-to-follow approach to the material. Covering all sections of the exam, the discussion highlights essential topics like intrusion detection, DDoS attacks, buffer overflows, and malware creation in detail, and puts the concepts into the context of real-world scenarios. Each chapter is mapped to the corresponding exam objective for easy reference, and the Exam Essentials feature helps you identify areas in need of further study. You also get access to online study tools including chapter review questions, full-length practice exams, hundreds of electronic flashcards, and a glossary of key terms to help you ensure full mastery of the exam material. The Certified Ethical Hacker is one-of-a-kind in the cybersecurity sphere, allowing you to delve into the mind of a hacker for a unique perspective into penetration testing. This guide is your ideal exam preparation resource, with specific coverage of all CEH objectives and plenty of practice material. Review all CEH v9 topics systematically Reinforce critical skills with hands-on exercises Learn how concepts apply in real-world scenarios Identify key proficiencies prior to the exam The CEH certification puts you in professional demand, and satisfies the Department of Defense's 8570 Directive for all Information Assurance government positions. Not only is it a highly-regarded credential, but it's also an expensive exam—making the stakes even higher on exam day. The CEH v9: Certified Ethical Hacker Version 9 Study Guide gives you the intense preparation you need to pass with flying colors.

[Hands-On Ethical Hacking and Network Defense](#) Jul 07 2020 Hands-On Ethical Hacking and Network Defense, Second Edition provides an in-depth understanding of how to effectively protect computer networks. This book describes the tools and penetration testing methodologies used by ethical hackers and provides a thorough discussion of what and who an ethical hacker is and how important they are in protecting corporate and government data from cyber attacks. Readers are provided with updated computer security resources that describe new vulnerabilities and innovative methods to protect networks. Also included is a thorough update of federal and state computer crime laws, as well as changes in penalties for illegal computer hacking. With cyber-terrorism and corporate espionage threatening the fiber of our world, the need for trained network security professionals continues to grow. Hands-On Ethical Hacking and Network Defense, Second Edition provides a structured knowledge base to prepare readers to be security professionals who

understand how to protect a network by using the skills and tools of an ethical hacker. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Big Data Analytics and Computational Intelligence for Cybersecurity Aug 27 2019 This book presents a collection of state-of-the-art artificial intelligence and big data analytics approaches to cybersecurity intelligence. It illustrates the latest trends in AI/ML-based strategic defense mechanisms against malware, vulnerabilities, cyber threats, as well as proactive countermeasures. It also introduces other trending technologies, such as blockchain, SDN, and IoT, and discusses their possible impact on improving security. The book discusses the convergence of AI/ML and big data in cybersecurity by providing an overview of theoretical, practical, and simulation concepts of computational intelligence and big data analytics used in different approaches of security. It also displays solutions that will help analyze complex patterns in user data and ultimately improve productivity. This book can be a source for researchers, students, and practitioners interested in the fields of artificial intelligence, cybersecurity, data analytics, and recent trends of networks.

CEH v11 Certified Ethical Hacker Study Guide + Practice Tests Set Jan 25 2022 Master CEH v11 and identify your weak spots As protecting information continues to be a growing concern for today's businesses, certifications in IT security have become highly desirable, even as the number of certifications has grown. Now you can set yourself apart with the Certified Ethical Hacker (CEH v11) certification. CEH v11 Certified Ethical Hacker Study Guide and Practice Tests Set provides you with all of the technical review you need of CEH skills PLUS SEVEN practice tests to prove your readiness for exam day. About the CEH v11 Certified Ethical Hacker Study Guide The CEH v11 Certified Ethical Hacker Study Guide offers a comprehensive overview of the CEH certification requirements using concise and easy-to-follow instructions. Chapters are organized by exam objective, with a handy section that maps each objective to its corresponding chapter, so you can keep track of your progress. The text provides thorough coverage of all topics, along with challenging chapter review questions and Exam Essentials, a key feature that identifies critical study areas. Subjects include common attack practices like reconnaissance and scanning. Also covered are topics like intrusion detection, DoS attacks, buffer overflows, wireless attacks, mobile attacks, Internet of Things (IoT) and more. This study guide goes beyond test prep, providing practical hands-on exercises to reinforce vital skills and real-world scenarios that put what you've learned into the context of actual job roles. Gain a unique certification that allows you to function like an attacker, allowing you to identify vulnerabilities so they can be remediated Expand your career opportunities with an IT certificate that satisfies the Department of Defense's 8570 Directive for Information Assurance positions Fully updated for the 2020 CEH v11 exam, including the latest developments in IT security Access the Sybex online learning center, with chapter review questions, TWO full-length practice exams, electronic flashcards, and a glossary of key terms About the CEH v11 Certified Ethical Hacker Practice Tests CEH: Certified Ethical Hacker Version 11 Practice Tests are the ideal preparation for this high-stakes exam. FIVE MORE complete, unique practice tests are designed to help you identify weak spots in your understanding, so you can direct your preparation efforts efficiently and gain the confidence—and skills—you need to pass. These tests cover all section sections of the exam blueprint, allowing you to test your knowledge of Background, Analysis/Assessment, Security, Tools/Systems/Programs, Procedures/Methodology, Regulation/Policy, and Ethics. Practice all seven sections of the CEH v11 exam Test your knowledge of security, tools, procedures, and regulations Gauge your understanding of vulnerabilities and threats Master the material well in advance of exam day

CEH: Certified Ethical Hacker Version 8 Study Guide Sep 01 2022 Prepare for the new Certified Ethical Hacker version 8 exam with this Sybex guide Security professionals remain in high demand. The Certified Ethical Hacker is a one-of-a-kind certification designed to give the candidate a look inside the mind of a hacker. This study guide provides a concise, easy-to-follow approach that covers all of the exam objectives and includes numerous examples and hands-on exercises. Coverage includes cryptography, footprinting and reconnaissance, scanning networks, enumeration of services, gaining access to a system, Trojans, viruses, worms, covert channels, and much more. A companion website includes additional study tools, including practice exam and chapter review questions and electronic flashcards. Security remains the fastest growing segment of IT, and CEH certification provides unique skills The CEH also satisfies the Department of Defense's 8570 Directive, which requires all Information Assurance government positions to hold one of the approved certifications This Sybex study guide is perfect for candidates studying on their own as well as those who are taking the CEHv8 course Covers all the exam objectives with an easy-to-follow approach Companion website includes practice exam questions, flashcards, and a searchable Glossary of key terms CEHv8: Certified Ethical Hacker Version 8 Study Guide is the book you need when you're ready to tackle this challenging exam Also available as a set, Ethical Hacking and Web Hacking Set, 9781119072171 with The Web Application Hacker's Handbook: Finding and Exploiting Security Flaws, 2nd Edition.

Hacking For Dummies® Jul 27 2019 A new edition of the bestselling guide—now updated to cover the latest hacks and how to prevent them! It's bad enough when a hack occurs—stealing identities, bank accounts, and personal information. But when the hack could have been prevented by taking basic security measures—like the ones described in this book—somehow that makes a bad situation even worse. This beginner guide to hacking examines some of the best security measures that exist and has been updated to cover the latest hacks for Windows 7 and the newest version of Linux. Offering increased coverage of Web application hacks, database hacks, VoIP hacks, and mobile computing hacks, this guide addresses a wide range of vulnerabilities and how to identify and prevent them. Plus, you'll examine why ethical hacking is oftentimes the only way to find security flaws, which can then prevent any future malicious attacks. Explores the malicious hackers's mindset so that you can counteract or avoid attacks completely Covers developing strategies for reporting vulnerabilities, managing security changes, and putting anti-hacking policies and procedures in place Completely updated to examine the latest hacks to Windows 7 and the newest version of Linux Explains ethical hacking and why it is essential Hacking For Dummies, 3rd Edition shows you how to put all the necessary security measures in place so that you avoid becoming a victim of malicious hacking.

Certified Ethical Hacker (CEH) Cert Guide Feb 11 2021 This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. Learn, prepare, and practice for CEH v8 exam success with this cert guide from Pearson IT Certification, a leader in IT certification learning. Master CEH exam topics Assess your knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks Certified Ethical Hacker (CEH) Cert Guide is a best-of-breed exam study guide. Leading security consultant and certification expert Michael Gregg shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. You'll get a complete test preparation routine organized around proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. This EC-Council authorized study guide helps you master all the topics on the CEH v8 (312-50) exam, including: Ethical hacking basics Technical foundations of hacking Footprinting and scanning Enumeration and system hacking Linux and automated assessment tools Trojans and backdoors Sniffers, session hijacking, and denial of service Web server hacking, web applications, and database attacks Wireless technologies, mobile security, and mobile attacks IDS, firewalls, and honeypots Buffer overflows, viruses, and worms Cryptographic attacks and defenses Physical security and social engineering

CEH v9 Jun 29 2022 Master CEH v9 and identify your weak spots CEH: Certified Ethical Hacker Version 9 Practice Tests are the ideal preparation for this high-stakes exam. Five complete, unique practice tests are designed to help you identify weak spots in your understanding, so you can direct your preparation efforts efficiently and gain the confidence—and skills—you need to pass. These tests cover all five sections of the exam, allowing you to test your knowledge of Assessment; Security; Tools and Systems; Procedures and Methodology; and Regulation, Policy, and Ethics. Coverage aligns with CEH version 9, including material on cloud, tablet, and mobile phone security and attacks, as well as the latest vulnerabilities including Heartbleed, shellshock, and Poodle. The exams are designed to familiarize CEH candidates with the test format, allowing them to become more comfortable reading a Wireshark .pcap file or viewing visual depictions of network attacks. The ideal companion for the Sybex CEH v9 Study Guide, this book is an invaluable tool for anyone aspiring to this highly-regarded certification. Offered by the International Council of Electronic Commerce Consultants, the Certified Ethical Hacker certification is unique in the penetration testing sphere, and requires preparation specific to the CEH exam more than general IT security knowledge. This book of practice tests help you steer your study where it needs to go by giving you a glimpse of exam day while there's still time to prepare. Practice all five sections of the CEH v9 exam Test your knowledge of security, tools, procedures, and regulations Gauge your understanding of new vulnerabilities and threats Master the material well in advance of exam day By getting inside the mind of a hacker, you gain a one-of-a-kind perspective that dramatically boosts your marketability and advancement potential. If you're ready to attempt this unique certification, the CEH: Certified Ethical Hacker Version 9 Practice Tests are the major preparation tool you should not be without.

Certified Ethical Hacker (CEH) Version 9 Cert Guide Mar 27 2022 This is the eBook edition of the Certified Ethical Hacker (CEH) Version 9 Cert Guide. This eBook does not include the practice exam that comes with the print edition. In this best-of-breed study guide, Certified Ethical Hacker (CEH) Version 9 Cert Guide, leading expert Michael Gregg helps you master all the topics you need to know to succeed on your Certified Ethical Hacker Version 9 exam and advance your career in IT security. Michael's concise, focused approach explains every exam objective from a real-world perspective, helping you quickly identify weaknesses and retain everything you need to know. Every feature of this book is designed to support both efficient exam preparation and long-term mastery: · Opening Topics Lists identify the topics you need to learn in each chapter and list EC-Council's official exam objectives · Key Topics figures, tables, and lists call attention to the information that's most crucial for exam success · Exam Preparation Tasks enable you to review key topics, complete memory tables, define key terms, work through scenarios, and answer review questions...going beyond mere facts to master the concepts that are crucial to passing the exam and enhancing your career · Key Terms are listed in each chapter and defined in a complete glossary, explaining all the field's essential terminology This study guide helps you master all the topics on the latest CEH exam, including · Ethical hacking basics · Technical foundations of hacking · Footprinting and scanning · Enumeration and system hacking · Linux distro's, such as Kali and automated assessment tools · Trojans and backdoors · Sniffers, session hijacking, and denial of service · Web server hacking, web applications, and database attacks · Wireless technologies, mobile security, and mobile attacks · IDS, firewalls, and honeypots · Buffer overflows, viruses, and worms · Cryptographic attacks and defenses · Cloud security and social engineering

Certified Ethical Hacker (CEH) v11 312-50 Exam Guide Sep 08 2020 Develop foundational skills in ethical hacking and penetration testing while getting ready to pass the certification exam Key FeaturesLearn how to look at technology from the standpoint of an attackerUnderstand the methods that attackers use to infiltrate networksPrepare to take and pass the exam in one attempt with the help of hands-on examples and mock testsBook Description With cyber threats continually evolving, understanding the trends and using the tools deployed by attackers to determine vulnerabilities in your system can help secure your applications, networks, and devices. To outmatch attacks, developing an attacker's mindset is a necessary skill, which you can hone with the help of this cybersecurity book. This study guide takes a step-by-step approach to helping you cover all the exam objectives using plenty of examples and hands-on activities. You'll start by gaining insights into the different elements of InfoSec and a thorough understanding of ethical hacking terms and concepts. You'll then learn about various vectors, including network-based vectors, software-based vectors, mobile devices, wireless networks, and IoT devices. The book also explores attacks on emerging technologies such as the cloud, IoT, web apps, and servers and examines prominent tools and techniques used by hackers. Finally, you'll be ready to take mock tests, which will help you test your understanding of all the topics covered in the book. By the end of this book, you'll have obtained the information necessary to take the 312-50 exam and become a CEH v11 certified ethical hacker. What you will learnGet to grips with information security and ethical hackingUndertake footprinting and reconnaissance to gain primary information about a potential targetPerform vulnerability analysis as a means of gaining visibility of known security weaknessesBecome familiar with the tools and techniques used by an attacker to hack into a target systemDiscover how network sniffing works and ways to keep your information secureExplore the social engineering techniques attackers use to compromise systemsWho this book is for This ethical hacking book is for security professionals, site admins, developers, auditors, security officers, analysts, security consultants, and network engineers. Basic networking knowledge (Network+) and at least two years of experience working within the InfoSec domain are expected.

CEH v11 Certified Ethical Hacker Study Guide Apr 15 2021 As protecting information continues to be a growing concern for today's businesses, certifications in IT security have become highly desirable, even as the number of certifications has grown. Now you can set yourself apart with the Certified Ethical Hacker (CEH v11) certification. The CEH v11 Certified Ethical Hacker Study Guide offers a comprehensive overview of the CEH certification requirements using concise and easy-to-follow instructions. Chapters are organized by exam objective, with a handy section that maps each objective to its corresponding chapter, so you can keep track of your progress. The text provides thorough coverage of all topics, along with challenging chapter review questions and Exam Essentials, a key feature that identifies critical study areas. Subjects include common attack practices like reconnaissance and scanning. Also covered are topics like intrusion detection, DoS attacks, buffer overflows, wireless attacks, mobile attacks, Internet of Things (IoT) and more. This study guide goes beyond test prep, providing practical hands-on exercises to reinforce vital skills and real-world scenarios that put what you've learned into the context of actual job roles. Gain a unique certification that allows you to function like an attacker, allowing you to identify vulnerabilities so they can be remediated Expand your career opportunities with an IT certificate that satisfies the Department of Defense's 8570 Directive for Information Assurance positions Fully updated for the 2020 CEH v11 exam, including the latest developments in IT security Access the Sybex online learning center, with chapter review questions, full-length practice exams, hundreds of electronic flashcards, and a glossary of key terms Thanks to its clear organization, all-inclusive coverage, and practical instruction, the CEH v11 Certified Ethical Hacker Study Guide is an excellent resource for anyone who needs to understand the hacking process or anyone who wants to demonstrate their skills as a Certified Ethical Hacker.

Ethical Hacker's Penetration Testing Guide May 17 2021 Discover security posture, vulnerabilities, and blind spots ahead of the threat actor KEY FEATURES ? Includes illustrations and real-world examples of pentesting web applications, REST APIs, thick clients, mobile applications, and wireless networks. ? Covers numerous techniques such as Fuzzing (FFuF), Dynamic Scanning, Secure Code Review, and bypass testing. ? Practical application of Nmap, Metasploit, SQLmap, OWASP ZAP, Wireshark, and Kali Linux. DESCRIPTION The 'Ethical Hacker's Penetration Testing Guide' is a hands-on guide that will take you from the fundamentals of pen testing to advanced security testing techniques. This book extensively uses popular pen testing tools such as Nmap, Burp Suite, Metasploit, SQLmap, OWASP ZAP, and Kali Linux. A detailed analysis of pentesting strategies for discovering OWASP top 10 vulnerabilities, such as cross-site scripting (XSS), SQL Injection, XXE, file upload vulnerabilities, etc., are explained. It provides a hands-on demonstration of pentest approaches for thick client applications, mobile applications (Android), network services, and wireless networks. Other techniques such as Fuzzing, Dynamic Scanning (DAST), and so on are also demonstrated. Security logging, harmful activity monitoring, and pentesting for sensitive data are also included in the book. The book also covers web security automation with the help of writing effective python scripts. Through a series of live demonstrations and real-world use cases, you will learn how to break applications to expose security flaws, detect the vulnerability, and exploit it appropriately. Throughout the book, you will learn how to identify security risks, as well as a few modern cybersecurity approaches and popular pentesting tools. WHAT YOU WILL LEARN ? Expose the OWASP top ten vulnerabilities, fuzzing, and dynamic scanning. ? Get well versed with various pentesting tools for web, mobile, and wireless pentesting. ? Investigate hidden vulnerabilities to safeguard critical data and application components. ? Implement security logging, application monitoring, and secure coding. ? Learn about various protocols, pentesting tools, and ethical hacking methods. WHO THIS BOOK IS FOR This book is intended for pen testers, ethical hackers, security analysts, cyber professionals, security consultants, and anybody interested in learning about penetration testing, tools, and methodologies. Knowing concepts of penetration testing is preferable but not required. TABLE OF CONTENTS 1. Overview of Web and Related Technologies and Understanding the Application 2. Web Penetration Testing- Through Code Review 3. Web Penetration Testing-Injection Attacks 4. Fuzzing, Dynamic scanning of REST API and Web Application 5. Web Penetration Testing- Unvalidated Redirects/Forwards, SSRF 6. Pentesting for Authentication, Authorization

Bypass, and Business Logic Flaws 7. Pentesting for Sensitive Data, Vulnerable Components, Security Monitoring 8. Exploiting File Upload Functionality and XXE Attack 9. Web Penetration Testing: Thick Client 10. Introduction to Network Pentesting 11. Introduction to Wireless Pentesting 12. Penetration Testing-Mobile App 13. Security Automation for Web Pentest 14. Setting up Pentest Lab

Hands-On Ethical Hacking and Network Defense Mar 03 2020 Cyber-terrorism and corporate espionage are increasingly common and devastating threats, making trained network security professionals more important than ever. Wilson/Simpson/Antill's HANDS-ON ETHICAL HACKING AND NETWORK DEFENSE, 4th edition, equips you with the knowledge and skills to protect networks using the tools and techniques of an ethical hacker. The authors explore the concept of ethical hacking and its practitioners -- explaining their importance in protecting corporate and government data -- and then deliver an in-depth guide to performing security testing. Thoroughly updated, the text covers new security resources, emerging vulnerabilities and innovative methods to protect networks, mobile security considerations, computer crime laws and penalties for illegal computer hacking. A final project brings many of the concepts together in a penetration testing exercise and report. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Gray Hat Hacking the Ethical Hacker's Mar 15 2021 Why study programming? Ethical gray hat hackers should study programming and learn as much about the subject as possible in order to find vulnerabilities in programs and get them fixed before unethical hackers take advantage of them. It is very much a foot race: if the vulnerability exists, who will find it first? The purpose of this chapter is to give you the survival skills necessary to understand upcoming chapters and later find the holes in software before the black hats do. In this chapter, we cover the following topics: • C programming language • Computer memory • Intel processors • Assembly language basics • Debugging with gdb • Python survival skills

CEH v9 Oct 02 2022 The ultimate preparation guide for the unique CEH exam. The CEH v9: Certified Ethical Hacker Version 9 Study Guide is your ideal companion for CEH v9 exam preparation. This comprehensive, in-depth review of CEH certification requirements is designed to help you internalize critical information using concise, to-the-point explanations and an easy-to-follow approach to the material. Covering all sections of the exam, the discussion highlights essential topics like intrusion detection, DDoS attacks, buffer overflows, and malware creation in detail, and puts the concepts into the context of real-world scenarios. Each chapter is mapped to the corresponding exam objective for easy reference, and the Exam Essentials feature helps you identify areas in need of further study. You also get access to online study tools including chapter review questions, full-length practice exams, hundreds of electronic flashcards, and a glossary of key terms to help you ensure full mastery of the exam material. The Certified Ethical Hacker is one-of-a-kind in the cybersecurity sphere, allowing you to delve into the mind of a hacker for a unique perspective into penetration testing. This guide is your ideal exam preparation resource, with specific coverage of all CEH objectives and plenty of practice material. Review all CEH v9 topics systematically Reinforce critical skills with hands-on exercises Learn how concepts apply in real-world scenarios Identify key proficiencies prior to the exam The CEH certification puts you in professional demand, and satisfies the Department of Defense's 8570 Directive for all Information Assurance government positions. Not only is it a highly-regarded credential, but it's also an expensive exam—making the stakes even higher on exam day. The CEH v9: Certified Ethical Hacker Version 9 Study Guide gives you the intense preparation you need to pass with flying colors.

CEH v10 Certified Ethical Hacker Study Guide Jan 13 2021 As protecting information becomes a rapidly growing concern for today's businesses, certifications in IT security have become highly desirable, even as the number of certifications has grown. Now you can set yourself apart with the Certified Ethical Hacker (CEH v10) certification. The CEH v10 Certified Ethical Hacker Study Guide offers a comprehensive overview of the CEH certification requirements using concise and easy-to-follow instruction. Chapters are organized by exam objective, with a handy section that maps each objective to its corresponding chapter, so you can keep track of your progress. The text provides thorough coverage of all topics, along with challenging chapter review questions and Exam Essentials, a key feature that identifies critical study areas. Subjects include intrusion detection, DDoS attacks, buffer overflows, virus creation, and more. This study guide goes beyond test prep, providing practical hands-on exercises to reinforce vital skills and real-world scenarios that put what you've learned into the context of actual job roles. Gain a unique certification that allows you to understand the mind of a hacker Expand your career opportunities with an IT certificate that satisfies the Department of Defense's 8570 Directive for Information Assurance positions Fully updated for the 2018 CEH v10 exam, including the latest developments in IT security Access the Sybex online learning center, with chapter review questions, full-length practice exams, hundreds of electronic flashcards, and a glossary of key terms Thanks to its clear organization, all-inclusive coverage, and practical instruction, the CEH v10 Certified Ethical Hacker Study Guide is an excellent resource for anyone who needs to understand the hacking process or anyone who wants to demonstrate their skills as a Certified Ethical Hacker.

CEH Certified Ethical Hacker Bundle, Fourth Edition Nov 30 2019 Thoroughly revised to cover all CEH v10 exam objectives, this bundle includes two books, online resources, and a bonus quick review guide This fully updated, money-saving self-study set prepares you for the CEH v10 exam. You can start by reading CEH Certified Ethical Hacker All-in-One Exam Guide, Fourth Edition to learn about every topic included in the v10 exam objectives. Next, you can reinforce what you've learned with the 650+ practice questions featured in CEH Certified Ethical Hacker Practice Exams, Fourth Edition. The CEH Certified Ethical Hacker Bundle, Fourth Edition also includes a bonus a quick review guide that can be used as the final piece for exam preparation. A bonus voucher code for four hours of lab time from Practice Labs, a virtual machine platform providing access to real hardware and software, can be combined with the two hours of lab time included with the All-in-One Exam Guide and provides the hands-on experience that's tested in the optional new CEH Practical exam. This edition features up-to-date coverage of all five phases of ethical hacking: reconnaissance, gaining access, enumeration, maintaining access, and covering tracks. •In all, the bundle includes more than 1,000 accurate questions with detailed answer explanations•Online content includes customizable practice exam software containing 600 practice questions in total and voucher codes for six free hours of lab time from Practice Labs•Bonus Quick Review Guide only available with this bundle•This bundle is 22% cheaper than buying the two books separately and includes exclusive online content

EC-Council Certified Ethical Hacker - (Practice Exams) Oct 10 2020 The Certified Ethical Hacker (CEH) credential is the most trusted ethical hacking certification and accomplishment recommended by employers globally. It is the most desired information security certification and represents one of the fastest-growing cyber credentials required by critical infrastructure and essential service providers. Since the introduction of CEH in 2003, it is recognized as a standard within the information security community. CEH continues to introduce the latest hacking techniques and the most advanced hacking tools and exploits used by hackers and information security professionals today. The Five Phases of Ethical Hacking and the original core mission of CEH remain valid and relevant today: "To beat a hacker, you need to think like a hacker.

CEH Certified Ethical Hacker Study Guide Jul 19 2021 Full Coverage of All Exam Objectives for the CEH Exams 312-50 and EC0-350 Thoroughly prepare for the challenging CEH Certified Ethical Hackers exam with this comprehensive study guide. The book provides full coverage of exam topics, real-world examples, and includes a CD with chapter review questions, two full-length practice exams, electronic flashcards, a glossary of key terms, and the entire book in a searchable pdf e-book. What's Inside: Covers ethics and legal issues, footprinting, scanning, enumeration, system hacking, trojans and backdoors, sniffers, denial of service, social engineering, session hijacking, hacking Web servers, Web application vulnerabilities, and more Walks you through exam topics and includes plenty of real-world scenarios to help reinforce concepts Includes a CD with an assessment test, review questions, practice exams, electronic flashcards, and the entire book in a searchable pdf

Official Certified Ethical Hacker Review Guide: For Version 7.1 Feb 23 2022 OFFICIAL CERTIFIED ETHICAL HACKER REVIEW GUIDE: FOR VERSION 7.1 is a valuable resource for anyone interested in pursuing the most recognized, respected hacking certification in the world. As experienced instructors of the International Council of Electronic Commerce Consultants (EC-Council), the authors draw on firsthand experience training top-caliber information security professionals for success on EC-Council's Certified Ethical Hacker (CEH) exam. The only exam review guide officially endorsed by the EC-Council, this proven resource focuses on the core concepts that are covered on the newest certification course (version 7.1), as well as a wide array of useful learning tools, including chapter objectives, step-by-step tutorials, Try it Out exercises and challenges, , group discussion topics, short lab examples, and practice exam questions and answers with explanations. This official CEH Exam review guide can be used to either preview and prepare for this comprehensive course or review afterwards to prepare for the challenging exam. It is the perfect compliment that gives any student a real advantage toward success with this certification. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Hacklog Volume 1 Anonymity (English Version): It Security & Ethical Hacking Handbook Oct 29 2019 Have you ever wished to become a hacker? If the answer is yes, this book is for you! Started as a crowdfunding project, Hacklog Volume 1: Anonymity is the first of a book collection dedicated to who wants to enter the world of Hacking and IT Security. You'll learn how to use the tools real-life hackers leverage everyday to avoid controls, how to conceal your most hidden files (and also how to recover them!) and you'll get a deeper insight over the broad world of anonymity. Hacklog Volume 1: Anonymity was designed for who is not too familiar with IT Security, but is willing to learn! Furthermore, it's a good review opportunity for those who already know this fascinating world as well as industry experts: High Schools, Universities, Industry Professionals and other Bodies use Hacklog to get information and stay up-to-date about the techniques used by cyber criminals to avoid controls and stay completely anonymous in the broad world of the Web. Here are some of the themes covered by the first volume: * You'll learn how to use the Operating Systems used by hackers and industry experts, including Ubuntu, Kali Linux, Parrot Security OS and many others, based both on GNU/Linux and Windows and macOS.* You'll be able to identify the traces left on a computer during an attack or an IT inspection, like MAC Address, Hostnames usage, DNSs and the via-Proxy anonymizing IP* You'll be able to make secure communications through the VPNs, discovering the best service providers and the regulations about governmental takedowns* You'll learn the vast world of the Deep Web and the Dark Net, the TOR, I2P and Freenet anonymizing circuits, as well as the Combo Networks to stay safe through pyramidal communication tunnels* You'll be able to identify the local resources that can harm you, like Cookies, JavaScript, Flash, Java, ActiveX, WebRTC and you will learn how to fingerprint your browser* You'll learn how to protect your data, verifying it with checksums and encrypting it using techniques like PGP and GPG; furthermore, you will get information about how to encrypt a disk, steganography and how to backup your crucial data* You'll be able to recover data even after a disk wipe, and destroy it irreversibly, using the same techniques used by the law enforcement bodies around the world* You'll learn how to identify the vulnerabilities that expose your identity to the Web, and the best practice to prevent it* You'll learn how to anonymously purchase from the Web, using the Dark Net circuits and crypto-currencies like the Bitcoin Hacklog, Volume 1: Anonymity is an open project, partially released under Italian Creative Commons 4.0 - Italy. You can find all licensing information at our official website: www.hacklog.ne

CEH V10: EC-Council Certified Ethical Hacker Complete Training Guide with Practice Labs Aug 20 2021 EC-Council Certified Ethical Hacking (CEH) v10 Exam 312-50 Latest v10. This updated version includes two major enhancement, New modules added to cover complete CEHv10 blueprint. Book scrutinized to rectify grammar, punctuation, spelling and vocabulary errors. CEHv10 Update CEH v10 covers new modules for the security of IoT devices, vulnerability analysis, focus on emerging attack vectors on the cloud, artificial intelligence, and machine learning including a complete malware analysis process. Our CEH workbook delivers a deep understanding of applications of the vulnerability analysis in a real-world environment. Information security is always a great challenge for networks and systems. Data breach statistics estimated millions of records stolen every day which evolved the need for Security. Almost each and every organization in the world demands security from identity theft, information leakage and integrity of their data. The role and skills of Certified Ethical Hacker are becoming more significant and demanding than ever. EC-Council Certified Ethical Hacking (CEH) ensures the delivery of knowledge regarding fundamental and advanced security threats, evasion techniques from intrusion detection system and countermeasures of attacks as well as up-skill you to penetrate platforms to identify vulnerabilities in the architecture. CEH v10 update will cover the latest exam blueprint, comprised of 20 Modules which includes the practice of information security and hacking tools which are popularly used by professionals to exploit any computer systems. CEHv10 course blueprint covers all five Phases of Ethical Hacking starting from Reconnaissance, Gaining Access, Enumeration, Maintaining Access till covering your tracks. While studying CEHv10, you will feel yourself into a Hacker's Mindset. Major additions in the CEHv10 course are Vulnerability Analysis, IoT Hacking, Focused on Emerging Attack Vectors, Hacking Challenges, and updates of latest threats & attacks including Ransomware, Android Malware, Banking & Financial malware, IoT botnets and much more. IPSpecialist CEH technology workbook will help you to learn Five Phases of Ethical Hacking with tools, techniques, and The methodology of Vulnerability Analysis to explore security loopholes, Vulnerability Management Life Cycle, and Tools used for Vulnerability analysis. DoS/DDoS, Session Hijacking, SQL Injection & much more. Threats to IoT platforms and defending techniques of IoT devices. Advance Vulnerability Analysis to identify security loopholes in a corporate network, infrastructure, and endpoints. Cryptography Concepts, Ciphers, Public Key Infrastructure (PKI), Cryptography attacks, Cryptanalysis tools and Methodology of Crypt Analysis. Penetration testing, security audit, vulnerability assessment, and penetration testing roadmap. Cloud computing concepts, threats, attacks, tools, and Wireless networks, Wireless network security, Threats, Attacks, and Countermeasures and much more

The Complete Ethical Hacking Book Apr 03 2020 The Complete Ethical Hacking Book was written for the Aspirants those who want to start their career in Cyber security domain. This book specially focused on Ethical hacking part in Cyber Security which is most important to learn Ethical Hacking Concepts and topics to start their career in Cyber Security Domain.

Hacking Essentials Aug 08 2020 Originally, the term "hacker" referred to a programmer who was skilled in computer operating systems and machine code. Today, it refers to anyone who performs hacking activities. Hacking is the act of changing a system's features to attain a goal that is not within the original purpose of the creator. The word "hacking" is usually perceived negatively especially by people who do not understand the job of an ethical hacker. In the hacking world, ethical hackers are good guys. What is their role? They use their vast knowledge of computers for good instead of malicious reasons. They look for vulnerabilities in the computer security of organizations and businesses to prevent bad actors from taking advantage of them. For someone that loves the world of technology and computers, it would be wise to consider an ethical hacking career. You get paid (a good amount) to break into systems. Getting started will not be a walk in the park—just as with any other career. However, if you are determined, you can skyrocket yourself into a lucrative career. When you decide to get started on this journey, you will have to cultivate patience. The first step for many people is usually to get a degree in computer science. You can also get an A+ certification (CompTIA)—you must take and clear two different exams. To be able to take the qualification test, you need to have not less than 500 hours of experience in practical computing. Experience is required, and a CCNA or Network+ qualification to advance your career.

The Ethical Hack Nov 10 2020 There are many books that detail tools and techniques of penetration testing, but none of these effectively communicate how the information gathered from tests should be analyzed and implemented. Until recently, there was very little strategic information available to explain the value of ethical hacking and how tests should be performed in order to

Ethical Hacking Jan 01 2020 How will governments and courts protect civil liberties in this new era of hacktivism? Ethical Hacking discusses the attendant moral and legal issues. The first part of the 21st century will likely go down in history as the era when ethical hackers opened governments and the line of transparency moved by force. One need only read the motto "we open governments" on the Twitter page for Wikileaks to gain a sense of the sea change that has occurred. Ethical hacking is the non-violent use of a technology in pursuit of a cause—political or otherwise—which is often legally and morally ambiguous. Hacktivists believe in two general but spirited principles: respect for human rights and fundamental freedoms, including freedom of expression and personal privacy; and the responsibility of government to be open, transparent and fully accountable to the public. How courts and governments will deal with hacking attempts which operate in a grey zone of the law and where different ethical views collide remains to be seen. What is undisputed is that Ethical Hacking presents a fundamental discussion of key societal questions. A fundamental discussion of key societal questions. This book is published in English. - La première moitié du XXe siècle sera sans doute reconnue comme l'époque où le piratage éthique a ouvert de force les gouvernements, déplaçant les limites de la transparence. La page twitter de Wikileaks enchâsse cet ethos à même sa devise, « we open governments », et sa volonté d'être omniprésent. En parallèle, les grandes sociétés de technologie comme Apple se font compétition pour produire des produits de plus en plus sécuritaires et à

protéger les données de leurs clients, alors même que les gouvernements tentent de limiter et de décrypter ces nouvelles technologies d'encryption. Entre-temps, le marché des vulnérabilités en matière de sécurité augmente à mesure que les experts en sécurité informatique vendent des vulnérabilités de logiciels des grandes technologies, dont Apple et Google, contre des sommes allant de 10 000 à 1,5 million de dollars. L'activisme en sécurité est à la hausse. Le piratage éthique est l'utilisation non-violence d'une technologie quelconque en soutien d'une cause politique ou autre qui est souvent ambiguë d'un point de vue juridique et moral. Le hacking éthique peut désigner les actes de vérification de pénétration professionnelle ou d'experts en sécurité informatique, de même que d'autres formes d'actions émergentes, comme l'hacktivisme et la désobéissance civile en ligne. L'hacktivisme est une forme de piratage éthique, mais également une forme de militantisme des droits civils à l'ère numérique. En principe, les adeptes du hacktivisme croient en deux grands principes : le respect des droits de la personne et les libertés fondamentales, y compris la liberté d'expression et à la vie privée, et la responsabilité des gouvernements d'être ouverts, transparents et pleinement redevables au public. En pratique, toutefois, les antécédents comme les agendas des hacktivistes sont fort diversifiés. Il n'est pas clair de quelle façon les tribunaux et les gouvernements traiteront des tentatives de piratage eu égard aux zones grises juridiques, aux approches éthiques conflictuelles, et compte tenu du fait qu'il n'existe actuellement, dans le monde, presque aucune exception aux provisions, en matière de cybercrime et de crime informatique, liées à la recherche sur la sécurité ou l'intérêt public. Il sera également difficile de déterminer le lien entre hacktivisme et droits civils. Ce livre est publié en anglais.

Hacking May 05 2020 • Methoden und Tools der Hacker, Cyberkriminellen und Penetration Tester • Mit zahlreichen Schritt-für-Schritt-Anleitungen und Praxis-Workshops • Inklusive Vorbereitung auf den Certified Ethical Hacker (CEHv11) mit Beispielfragen zum Lernen Dies ist ein praxisorientierter Leitfaden für angehende Hacker, Penetration Tester, IT-Systembeauftragte, Sicherheitsspezialisten und interessierte Poweruser. Mithilfe vieler Workshops, Schritt-für-Schritt-Anleitungen sowie Tipps und Tricks lernen Sie unter anderem die Werkzeuge und Mittel der Hacker und Penetration Tester sowie die Vorgehensweise eines professionellen Hacking-Angriffs kennen. Der Fokus liegt auf der Perspektive des Angreifers und auf den Angriffstechniken, die jeder Penetration Tester kennen muss. Dabei erläutern die Autoren für alle Angriffe auch effektive Gegenmaßnahmen. So gibt dieses Buch Ihnen zugleich auch schrittweise alle Mittel und Informationen an die Hand, um Ihre Systeme auf Herz und Nieren zu prüfen, Schwachstellen zu erkennen und sich vor Angriffen effektiv zu schützen. Das Buch umfasst nahezu alle relevanten Hacking-Themen und besteht aus sechs Teilen zu den Themen: Arbeitsumgebung, Informationsbeschaffung, Systeme angreifen, Netzwerk- und sonstige Angriffe, Web Hacking sowie Angriffe auf WLAN und Next-Gen-Technologien. Jedes Thema wird systematisch erläutert. Dabei werden sowohl die Hintergründe und die zugrundeliegenden Technologien als auch praktische Beispiele in konkreten Szenarien besprochen. So haben Sie die Möglichkeit, die Angriffstechniken selbst zu erleben und zu üben. Das Buch ist als Lehrbuch konzipiert, eignet sich aber auch als Nachschlagewerk. Sowohl der Inhalt als auch die Methodik orientieren sich an der Zertifizierung zum Certified Ethical Hacker (CEHv11) des EC-Council. Testfragen am Ende jedes Kapitels helfen dabei, das eigene Wissen zu überprüfen und für die CEH-Prüfung zu trainieren. Damit eignet sich das Buch hervorragend als ergänzendes Material zur Prüfungsvorbereitung. Aus dem Inhalt: • Aufbau einer HackingLaborumgebung • Einführung in Kali Linux als Hacking-Plattform • Sicher und anonym im Internet kommunizieren • Reconnaissance (Informationsbeschaffung) • Vulnerability-Scanning • Password Hacking • Bind und Reverse Shells • Mit Mailware das System übernehmen • Spuren verwischen • Lauschangriffe und Man-in-the-Middle • Social Engineering • Web- und WLAN-Hacking • Angriffe auf IoT-Systeme • Cloud-Hacking und -Security • Durchführen von Penetrationstests

CEH v9 Jun 05 2020 Master CEH v9 and identify your weak spots CEH: Certified Ethical Hacker Version 9 Practice Tests are the ideal preparation for this high-stakes exam. Five complete, unique practice tests are designed to help you identify weak spots in your understanding, so you can direct your preparation efforts efficiently and gain the confidence—and skills—you need to pass. These tests cover all five sections of the exam, allowing you to test your knowledge of Assessment; Security; Tools and Systems; Procedures and Methodology; and Regulation, Policy, and Ethics. Coverage aligns with CEH version 9, including material on cloud, tablet, and mobile phone security and attacks, as well as the latest vulnerabilities including Heartbleed, shellshock, and Poodle. The exams are designed to familiarize CEH candidates with the test format, allowing them to become more comfortable reading a Wireshark .pcap file or viewing visual depictions of network attacks. The ideal companion for the Sybex CEH v9 Study Guide, this book is an invaluable tool for anyone aspiring to this highly-regarded certification. Offered by the International Council of Electronic Commerce Consultants, the Certified Ethical Hacker certification is unique in the penetration testing sphere, and requires preparation specific to the CEH exam more than general IT security knowledge. This book of practice tests help you steer your study where it needs to go by giving you a glimpse of exam day while there's still time to prepare. Practice all five sections of the CEH v9 exam Test your knowledge of security, tools, procedures, and regulations Gauge your understanding of new vulnerabilities and threats Master the material well in advance of exam day By getting inside the mind of a hacker, you gain a one-of-a-kind perspective that dramatically boosts your marketability and advancement potential. If you're ready to attempt this unique certification, the CEH: Certified Ethical Hacker Version 9 Practice Tests are the major preparation tool you should not be without.

Ethical Hacker's Certification Guide (CEHv11) Jun 17 2021 Dive into the world of securing digital networks, cloud, IoT, mobile infrastructure, and much more. KEY FEATURES ? Courseware and practice papers with solutions for C.E.H. v11. ? Includes hacking tools, social engineering techniques, and live exercises. ? Add on coverage on Web apps, IoT, cloud, and mobile Penetration testing. DESCRIPTION The 'Certified Ethical Hacker's Guide' summarises all the ethical hacking and penetration testing fundamentals you'll need to get started professionally in the digital security landscape. The readers will be able to approach the objectives globally, and the knowledge will enable them to analyze and structure the hacks and their findings in a better way. The book begins by making you ready for the journey of a seasonal, ethical hacker. You will get introduced to very specific topics such as reconnaissance, social engineering, network intrusion, mobile and cloud hacking, and so on. Throughout the book, you will find many practical scenarios and get hands-on experience using tools such as Nmap, BurpSuite, OWASP ZAP, etc. Methodologies like brute-forcing, wardriving, evil twinning, etc. are explored in detail. You will also gain a stronghold on theoretical concepts such as hashing, network protocols, architecture, and data encryption in real-world environments. In the end, the evergreen bug bounty programs and traditional career paths for safety professionals will be discussed. The reader will also have practical tasks and self-assessment exercises to plan further paths of learning and certification. WHAT YOU WILL LEARN ? Learn methodologies, tools, and techniques of penetration testing and ethical hacking. ? Expert-led practical demonstration of tools and tricks like nmap, BurpSuite, and OWASP ZAP. ? Learn how to perform brute forcing, wardriving, and evil twinning. ? Learn to gain and maintain access to remote systems. ? Prepare detailed tests and execution plans for VAPT (vulnerability assessment and penetration testing) scenarios. WHO THIS BOOK IS FOR This book is intended for prospective and seasonal cybersecurity lovers who want to master cybersecurity and ethical hacking. It also assists software engineers, quality analysts, and penetration testing companies who want to keep up with changing cyber risks. TABLE OF CONTENTS 1. Cyber Security, Ethical Hacking, and Penetration Testing 2. CEH v11 Prerequisites and Syllabus 3. Self-Assessment 4. Reconnaissance 5. Social Engineering 6. Scanning Networks 7. Enumeration 8. Vulnerability Assessment 9. System Hacking 10. Session Hijacking 11. Web Server Hacking 12. Web Application Hacking 13. Hacking Wireless Networks 14. Hacking Mobile Platforms 15. Hacking Clout, IoT, and OT Platforms 16. Cryptography 17. Evading Security Measures 18. Practical Exercises on Penetration Testing and Malware Attacks 19. Roadmap for a Security Professional 20. Digital Compliances and Cyber Laws 21. Self-Assessment-1 22. Self-Assessment-2

Ceh V10: Ec-Council Certified Ethical Hacker Complete Training Guide with Practice Questions & Labs: Exam: 312-50 Nov 22 2021 EC-Council Certified Ethical Hacking (CEH) v10 Exam 312-50 Latest v10. This updated version includes three major enhancement, New modules added to cover complete CEHv10 blueprint. Book scrutinized to rectify grammar, punctuation, spelling and vocabulary errors. Added 150+ Exam Practice Questions to help you in the exam. CEHv10 Update CEH v10 covers new modules for the security of IoT devices, vulnerability analysis, focus on emerging attack vectors on the cloud, artificial intelligence, and machine learning including a complete malware analysis process. Our CEH workbook delivers a deep understanding of applications of the vulnerability analysis in a real-world environment. Information security is always a great challenge for networks and systems. Data breach statistics estimated millions of records stolen every day which evolved the need for Security. Almost each and every organization in the world demands security from identity theft, information leakage and the integrity of their data. The role and skills of Certified Ethical Hacker are becoming more significant and demanding than ever. EC-Council Certified Ethical Hacking (CEH) ensures the delivery of knowledge regarding fundamental and advanced security threats, evasion techniques from intrusion detection system and countermeasures of attacks as well as up-skill you to penetrate platforms to identify vulnerabilities in the architecture. CEH v10 update will cover the latest exam blueprint, comprised of 20 Modules which includes the practice of information security and hacking tools which are popularly used by professionals to exploit any computer systems. CEHv10 course blueprint covers all five Phases of Ethical Hacking starting from Reconnaissance, Gaining Access, Enumeration, Maintaining Access till covering your tracks. While studying CEHv10, you will feel yourself into a Hacker

CEH Certified Ethical Hacker Practice Exams, Fifth Edition Dec 24 2021 Hundreds of accurate practice questions—fully updated for the current version of the CEH exam Thoroughly revised for CEH v11 exam objectives, this self-study guide contains more than 350 practice questions to prepare candidates for the EC-Council's Certified Ethical Hacker exam. All questions match the actual exam in content, format, and feel. To aid in understanding the material, in-depth explanations of both the correct and incorrect answers are provided for every question. A valuable pre-assessment test evaluates readiness and identifies areas requiring further study. CEH Certified Ethical Hacker Practice Exams, Fifth Edition offers practice test items from each domain of the latest edition of the exam—including knowledge, performance, and scenario-based questions. The book features up-to-date coverage of all phases of ethical hacking, including reconnaissance, gaining access, enumeration, maintaining access, and covering tracks. Designed to help readers pass the exam with ease, this is the perfect companion to the All-in-One Exam Guide. Contains more than 350 realistic questions with detailed answer explanations Online content includes access to the TotalTester customizable practice exam engine with an additional 300 practice questions Written by an experienced trainer with more than 30 years of cybersecurity experience

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