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## Chfi Study Guide Free Download

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Effective Cybersecurity John Wiley & Sons

This is the official CHFI (Computer Hacking Forensics Investigator) study guide for professionals studying for the forensics exams and for professionals needing the skills to identify an intruder's footprints and properly gather the necessary evidence to prosecute.

The EC-Council offers certification for ethical hacking and computer forensics. Their ethical hacker exam has become very popular as an industry gauge and we expect the forensics exam to follow suit. Material is presented in a logical learning sequence: a section builds upon previous sections and a chapter on previous chapters. All concepts, simple and complex, are defined and explained when they appear for the first time. This book includes: Exam objectives covered in a chapter are clearly explained in the beginning of the chapter, Notes and Alerts highlight crucial points, Exam's Eye View emphasizes the

important points from the exam's perspective, Key Terms present definitions of key terms used in the chapter, Review Questions contains the questions modeled after real exam questions based on the material covered in the chapter. Answers to the questions are presented with explanations. Also included is a full practice exam modeled after the real exam. - The only study guide for CHFI, provides 100% coverage of all exam objectives. - CHFI Training runs hundreds of dollars for self tests to thousands of dollars for classroom training. *CEH v9* John Wiley & Sons

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More than 220,000 network professionals have achieved the Network+ certification since its inception, second only to the Cisco Certified Network Associate certification. This hardcover edition includes Sybex CompTIA Network+ Virtual Lab network simulator plus four additional bonus exams and 100 additional flashcards and is fully updated for the first revision of the exam since 2005. The guide contains concise information on security essentials and standards, using practical examples and insights drawn from real-world experience and covers key exam topics including network technologies, media and topologies, devices, management, tools, and security. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. For Instructors: Teaching supplements are available for this title.

**CEH v10 Certified Ethical Hacker Study Guide**

John Wiley & Sons  
Learn the ins and outs of the IT security field and efficiently prepare for the CompTIA Security+ Exam SY0-601 with one easy-to-

follow resource CompTIA Security+ Review Guide: Exam SY0-601, Fifth Edition helps you to efficiently review for the leading IT security certification—CompTIA Security+ SY0-601. Accomplished author and security expert James Michael Stewart covers each domain in a straightforward and practical way, ensuring that you grasp and understand the objectives as quickly as possible. Whether you're refreshing your knowledge or doing a last-minute review right before taking the exam, this guide includes access to a companion online test bank that offers hundreds of practice questions, flashcards, and glossary terms. Covering all five domains tested by Exam SY0-601, this guide reviews: Attacks, Threats, and Vulnerabilities Architecture

and Design Implementation Operations and Incident Response Governance, Risk, and Compliance This newly updated Fifth Edition of CompTIA Security+ Review Guide: Exam SY0-601 is not just perfect for anyone hoping to take the SY0-601 Exam, but it is also an excellent resource for those wondering about entering the IT security field.  
Computer Forensics with FTK John Wiley & Sons  
Become a proficient Microsoft Azure solutions architect Azure certifications are critical to the millions of IT professionals Microsoft has certified as MCSE and MCSA in Windows Server in the last 20 years. All of these professionals need to certify in key Azure exams to stay current and advance in their careers. Exams AZ-303 and AZ-304 are the key solutions architect exams that experienced Windows professionals will find most useful at the intermediate and advanced points of their careers. Microsoft Azure Architect Technologies and Design Complete Study Guide Exams AZ-303 and AZ-304 covers the two critical Microsoft Azure exams that intermediate and advanced Microsoft IT professionals will need to show proficiency as their organizations move to the Azure cloud. Understand Azure Set up your

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Microsoft Cloud network Solve real-world problems  
Get the confidence to pass the exam By learning all of these things plus using the Study Guide review questions and practice exams, the reader will be ready to take the exam and perform the job with confidence.

### **MCTS Windows 7 Configuration Study Guide** McGraw Hill Professional

The Practical, Comprehensive Guide to Applying Cybersecurity Best Practices and Standards in Real Environments In *Effective Cybersecurity*, William Stallings introduces the technology, operational procedures, and management practices needed for successful cybersecurity. Stallings makes extensive use of standards and best practices documents that are often used to guide or mandate cybersecurity implementation. Going beyond these, he offers in-depth tutorials on the “how” of implementation, integrated into a unified framework and realistic plan of action. Each chapter contains a clear technical overview, as well as a detailed discussion of action items and appropriate policies. Stallings offers many pedagogical features designed to help readers master the material: clear learning objectives, keyword lists, review questions, and QR codes linking to relevant standards documents and web resources. *Effective Cybersecurity* aligns with the comprehensive Information Security Forum document “The Standard of Good Practice for Information Security,” extending ISF’s work

with extensive insights from ISO, NIST, COBIT, other official standards and guidelines, and modern professional, academic, and industry literature. • Understand the cybersecurity discipline and the role of standards and best practices • Define security governance, assess risks, and manage strategy and tactics • Safeguard information and privacy, and ensure GDPR compliance • Harden systems across the system development life cycle (SDLC) • Protect servers, virtualized systems, and storage • Secure networks and electronic communications, from email to VoIP • Apply the most appropriate methods for user authentication • Mitigate security risks in supply chains and cloud environments This knowledge is indispensable to every cybersecurity professional. Stallings presents it systematically and coherently, making it practical and actionable.

*CISSP (ISC)2 Certified Information Systems Security Professional Official Study Guide* Cengage Learning  
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

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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

CCENT Cisco Certified Entry Networking Technician Study Guide (Exam 640-822)

John Wiley & Sons

CD and DVD Forensics will take the reader through all facets of handling, examining, and processing CD and DVD evidence for computer forensics. At a time where data forensics is becoming a major part of law enforcement and prosecution in the public sector, and corporate and system security in the private sector, the

interest in this subject has just begun to blossom. CD and DVD Forensics is a how to book that will give the reader tools to be able to open CDs and DVDs in an effort to identify evidence of a crime. These tools can be applied in both the public and private sectors. Armed with this information, law enforcement, corporate security, and private investigators will be able to be more effective in their evidence related tasks. To accomplish this the book is divided into four basic parts: (a) CD and DVD physics dealing with the history, construction and technology of CD and DVD media, (b) file systems present on CDs and DVDs and how these are different from that which is found on hard disks, floppy disks and other media, (c) considerations for handling CD and DVD evidence to both recover the maximum amount of information present on a disc and to do so without destroying or altering the disc in any way, and (d) using the InfinaDyne product CD/DVD Inspector to examine discs in detail and collect evidence. - This is the first book addressing using the CD/DVD Inspector product in a hands-on manner with a complete step-by-step guide for examining evidence discs - See how to open CD's

and DVD'd and extract all the crucial evidence they may contain  
*Certified Information Systems Auditor (CISA) Cert Guide* John Wiley & Sons  
CISSP Study Guide, Third Edition provides readers with information on the CISSP certification, the most prestigious, globally-recognized, vendor-neutral exam for information security professionals. With over 100,000 professionals certified worldwide, and many more joining their ranks, this new third edition presents everything a reader needs to know on the newest version of the exam's Common Body of Knowledge. The eight domains are covered completely and as concisely as possible, allowing users to ace the exam. Each domain has its own chapter that includes a specially-designed pedagogy to help users pass the exam, including clearly-stated exam objectives, unique terms and definitions, exam warnings, "learning by example" modules, hands-on exercises, and chapter ending questions. Provides the most complete and effective study guide to prepare users for passing the CISSP exam, giving them exactly what they need to pass the test  
Authored by Eric Conrad who has prepared hundreds of professionals for passing the CISSP exam through SANS, a popular and well-known organization for information security professionals Covers all of the new information in the Common Body of

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Knowledge updated in January 2015, and also provides two exams, tiered end-of-chapter questions for a gradual learning curve, and a complete self-test appendix

Cybersecurity - Attack and Defense Strategies  
Syngress

Prepare for certification in Windows 7 configuration with this all-new study guide This comprehensive book guides readers through preparation for Microsoft's brand new MCTS: Windows 7, Configuring exam (70-680). You'll find 100% coverage of all exam objectives; practical, real-world scenarios; hands-on exercises, and challenging review questions, both in the book and on the CD included with the book.

Prepares you for the new exam 70-680, the Microsoft Certified Technology Specialist certification for Windows 7; Windows 7 is Microsoft's new operating system releasing in late 2009 Shows you how to install, configure, and maintain Windows 7 for the exam Covers upgrading and migrating; deploying Windows 7; configuring hardware applications, network connectivity, access to resources, and mobile computing; monitoring and maintaining; handling backup and recovery, and more This is the ideal guide to prepare you for Microsoft's new Windows 7 certification.

*AWS Certified Solutions Architect - Associate (SAA-C02) Cert Guide* John Wiley & Sons

CISSP Practice Questions Exam Cram, Fourth Edition CISSP Practice Questions Exam Cram, Fourth Edition complements any CISSP study plan with 1,038 practice test questions in the book and on the companion site—all supported by complete explanations of every answer. This package's highly realistic questions cover every area of knowledge for the new CISSP exam. Covers the critical information you'll need to know to help you pass the CISSP exam! · Features 1,038 questions, organized to reflect the current CISSP exam objectives so you can easily assess your knowledge of every topic. · Each question includes a detailed answer explanation. · Provides complete coverage of the Common Body of Knowledge (CBK). · Use our innovative Quick Check Answer Key™ to quickly find answers as you work your way through the questions. Companion Website Your purchase includes access to 1,038 unique practice exam questions in multiple test modes and 75 electronic flash cards. Make sure you're 100% ready for the real exam! · Detailed explanations of correct and incorrect answers · Random questions and order of answers · Coverage of each current CISSP exam objective Pearson IT

Certification Practice Test minimum system requirements: Windows 10, Windows 8.1, Windows 7, or Vista (SP2), Microsoft .NET Framework 4.5 Client; Pentium-class 1 GHz processor (or equivalent); 512 MB RAM; 650 MB disk space plus 50 MB for each downloaded practice exam; access to the Internet to register and download exam databases

CompTIA Network+ Deluxe Study Guide Pearson IT Certification

Uncover a digital trail of e-evidence by using the helpful, easy-to-understand information in Computer Forensics For Dummies! Professional and armchair investigators alike can learn the basics of computer forensics, from digging out electronic evidence to solving the case. You won't need a computer science degree to master e-discovery. Find and filter data in mobile devices, e-mail, and other Web-based technologies. You'll learn all about e-mail and Web-based forensics, mobile forensics, passwords and encryption, and other e-evidence found through VoIP, voicemail, legacy mainframes, and databases. You'll discover how to use the latest forensic

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software, tools, and equipment to find the answers that you're looking for in record time. When you understand how data is stored, encrypted, and recovered, you'll be able to protect your personal privacy as well. By the time you finish reading this book, you'll know how to: Prepare for and conduct computer forensics investigations Find and filter data Protect personal privacy Transfer evidence without contaminating it Anticipate legal loopholes and opponents' methods Handle passwords and encrypted data Work with the courts and win the case Plus, Computer Forensics for Dummies includes lists of things that everyone interested in computer forensics should know, do, and build. Discover how to get qualified for a career in computer forensics, what to do to be a great investigator and expert witness, and how to build a forensics lab or toolkit. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

*CISSP: Certified Information Systems Security Professional Study Guide*

Elsevier

The essential study guide for the new Microsoft 365 Certified Associate (MCA) Modern Desktop certification—covers Exam MD-100: Windows 10! The new Microsoft 365 Certified Associate (MCA) Modern Desktop certification exam measures a candidate's ability to deploy Windows, manage devices and data, configure connectivity, and maintain Windows. MCA certification, sought by a growing number of employers, is an important part of any IT professional's resume. The MCA Modern Desktop Administrator Study Guide: Exam MD-100 is a must-have book for anyone preparing for certification. This clear and accurate study guide covers 100% of exam objectives—providing hands-on exercises, challenging review questions, full explanations, and real-world examples. From the intricacies of Windows deployment to advanced security and enterprise capabilities, each chapter explains everything candidates need to know for passing the exam and earning MCA

certification. This accurate, up-to-date study guide is designed to prepare administrators to deploy, configure, secure, manage, and monitor devices and client applications in an enterprise environment. Access to Sybex's comprehensive online learning environment—comprising a self-assessment test, a bonus practice exam, flashcards, a searchable glossary, and chapter exercise videos—is included to fully prepare for exam day. This study guide: Covers all Exam: MD-100 objectives Prepares readers to implement, install, and configure Windows 10 Reinforces comprehension and retention of central exam topics Helps readers learn new skills or upgrade existing skills to Microsoft's latest desktop client Demand for competent IT professionals is already high and continues to grow at a rapid pace. The MCA Modern Desktop Administrator Study Guide: Exam MD-100 is a valuable resource for preparing for the new Exam MD-100 and MCA certification.

**CompTIA Security+ Review Guide** John

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Wiley & Sons

Convert Android to a powerful pentesting platform. Key Features Get up and running with Kali Linux NetHunter Connect your Android device and gain full control over Windows, OSX, or Linux devices Crack Wi-Fi passwords and gain access to devices connected over the same network collecting intellectual data Book Description Kali NetHunter is a version of the popular and powerful Kali Linux pentesting platform, designed to be installed on mobile devices. Hands-On Penetration Testing with Kali NetHunter will teach you the components of NetHunter and how to install the software. You'll also learn about the different tools included and how to optimize and use a package, obtain desired results, perform tests, and make your environment more secure. Starting with an introduction to Kali NetHunter, you will delve into different phases of the pentesting process. This book will show you how to build your penetration testing environment and set up your lab. You will gain insight into gathering intellectual data, exploiting vulnerable areas, and gaining control over target systems. As you progress through the book, you will explore the NetHunter tools available for

exploiting wired and wireless devices. You will work through new ways to deploy existing tools designed to reduce the chances of detection. In the concluding chapters, you will discover tips and best practices for integrating security hardening into your Android ecosystem. By the end of this book, you will have learned to successfully use a mobile penetration testing device based on Kali NetHunter and Android to accomplish the same tasks you would traditionally, but in a smaller and more mobile form factor. What you will learn Choose and configure a hardware device to use Kali NetHunter Use various tools during pentests Understand NetHunter suite components Discover tips to effectively use a compact mobile platform Create your own Kali NetHunter-enabled device and configure it for optimal results Learn to scan and gather information from a target Explore hardware adapters for testing and auditing wireless networks and Bluetooth devices Who this book is for Hands-On Penetration Testing with Kali NetHunter is for pentesters, ethical hackers, and security professionals who want to learn to use Kali NetHunter for complete mobile penetration testing and are interested in venturing into the mobile

domain. Some prior understanding of networking assessment and Kali Linux will be helpful.

**CCNA: Cisco Certified Network Associate**  
John Wiley & Sons

Totally updated for 2011, here's the ultimate study guide for the CISSP exam Considered the most desired certification for IT security professionals, the Certified Information Systems Security Professional designation is also a career-booster. This comprehensive study guide covers every aspect of the 2011 exam and the latest revision of the CISSP body of knowledge. It offers advice on how to pass each section of the exam and features expanded coverage of biometrics, auditing and accountability, software security testing, and other key topics. Included is a CD with two full-length, 250-question sample exams to test your progress. CISSP certification identifies the ultimate IT security professional; this complete study guide is fully updated to cover all the objectives of the 2011 CISSP exam Provides in-depth knowledge of access control, application development security, business continuity and disaster recovery planning, cryptography, Information Security governance and risk management, operations security, physical (environmental) security, security architecture and design, and telecommunications and network security Also covers legal and regulatory investigation and

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compliance Includes two practice exams and challenging review questions on the CD Professionals seeking the CISSP certification will boost their chances of success with CISSP: Certified Information Systems Security Professional Study Guide, 5th Edition.

### **CCENT Cisco Certified Entry Networking Technician Study Guide**

John Wiley & Sons

NOTE: The correct URL to access the Sybex interactive online test bank and study tools is

[www.wiley.com/go/sybextestprep](http://www.wiley.com/go/sybextestprep). The book's back cover, Introduction, and last page in the book provided the wrong URL. We apologize for any confusion and inconvenience this may have caused you. Master 100 percent of Microsoft Windows 10 exam with real-world hands-on practice MCSA: Microsoft Windows 10 Complete Study Guide is your ultimate preparation resource for the new Windows 10 certification. Fully updated to align with the latest version of the exam, this new edition digs deeper into the intricacies of the Windows OS and provides the most up-to-date information on new Windows 10 technologies. With complete coverage of all exam topics, this invaluable guide walks you through device planning,

deployment, and management; network and storage configuration; access, data, app, and recovery management, and much more to help you master the exam material. You also get access to the Sybex interactive online learning environment, featuring electronic flashcards, a searchable glossary, an assessment test, and bonus practice exams designed to give you a preview of exam day. MCSA: Microsoft Windows 10 is the Microsoft Certified Solutions Associate certification for Windows 10, testing your abilities in a broad variety of associate-level tasks. This book rounds them up into a comprehensive knowledge base to help you clarify, memorize, and deepen your understanding so you can approach exam day with confidence. Master 100 percent of exam 70-697, Configuring Windows Devices, objectives Get more hands-on practice in real-world scenarios Test your knowledge with challenging review questions Access digital study aids and practice tests for comprehensive prep Windows is the world's leading operating system, with an estimated 90 percent share of the desktop OS market. There are currently over 110 million Windows 10 users, and that number is expected to rise—putting Windows 10

Specialists in high demand in the job market. If you're ready to fill the growing need for trained Windows 10 associates, Microsoft Configuring Windows Devices Study Guide Exam 70-697 has you covered for complete and detailed exam preparation.

*The Cultural Revolution* John Wiley & Sons This is the eBook version of the print title. Note that the eBook may not provide access to the practice test software that accompanies the print book. Learn, prepare, and practice for CISA exam success with this Cert Guide from Pearson IT Certification, a leader in IT certification learning. Master CISA exam topics Assess your knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks Certified Information Systems Auditor (CISA) Cert Guide is a best-of-breed exam study guide. World-renowned enterprise IT security leaders Michael Gregg and Rob Johnson share 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. The book presents you with an organized test preparation routine through the use of 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. Well-regarded for its level of detail, assessment features, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will allow you to succeed on the exam the first time. The study guide helps you master all the topics on the CISA exam, including: Essential information systems audit techniques, skills, and standards IT governance, management/control frameworks, and process optimization Maintaining critical services: business continuity and disaster recovery Acquiring information systems: build-or-buy, project management, and development methodologies Auditing and understanding system controls System maintenance and service management, including frameworks and networking infrastructure Asset protection via layered administrative, physical, and technical controls Insider and outsider asset threats: response and management

*Computer Forensics For Dummies*  
John Wiley & Sons

Get complete coverage of all the objectives included on the EC-Council's Certified Ethical Hacker exam inside this comprehensive resource. Written

by an IT security expert, this authoritative guide covers the vendor-neutral CEH exam in full detail. 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 definitive volume also serves as an essential on-the-job reference. **COVERS ALL EXAM TOPICS, INCLUDING:** Introduction to ethical hacking Cryptography Reconnaissance and footprinting Network scanning Enumeration System hacking Evasion techniques Social engineering and physical security Hacking web servers and applications SQL injection Viruses, trojans, and other attacks Wireless hacking Penetration testing Electronic content includes: Two practice exams Bonus appendix with author's recommended tools, sites, and references

**The Network Security Test Lab** Pearson IT Certification

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 AWS Certified Solutions Architect - Associate (SAA-C02) exam success with this Cert Guide from Pearson IT Certification, a leader in IT certification. \* Master AWS Certified Solutions Architect - Associate (SAA-C02) exam topics \* Assess your knowledge with chapter-ending quizzes \* Review key concepts with exam preparation tasks

**AWS Certified Solutions Architect - Associate (SAA-C02) Cert Guide** from Pearson IT Certification prepares you to succeed on the exam by directly addressing the exam's official objectives as stated by Amazon. Leading Cloud expert Mark Wilkins 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. The book presents you with an organized test-preparation routine through the use of 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

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you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. Well regarded for its level of detail, assessment features, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will help you succeed on the exam the first time. This study guide helps you master all the topics on the AWS Certified Solutions Architect - Associate (SAA-C02) exam, including \* Resilient Architectures: multi-tier architecture solutions; highly available and/or fault-tolerant architectures; decoupling mechanisms using AWS services; resilient storage \* High-Performing Architectures: elastic and scalable compute solutions; high-performing and scalable storage solutions, networking solutions, and database solutions \* Secure Applications and Architectures: secure access to AWS resources; secure application tiers; data security options \* Cost-Optimized Architectures: cost-effective storage solutions and compute and database services; cost-optimized network architectures

### **MCA Modern Desktop Administrator**

**Study Guide** John Wiley & Sons 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

### *CEH Certified Ethical Hacker Study*

*Guide* John Wiley & Sons Key Features Gain a clear understanding of the attack methods, and patterns to recognize abnormal behavior within your organization with Blue Team tactics Learn to unique techniques to gather exploitation intelligence, identify risk and demonstrate impact with Red Team and Blue Team strategies A practical guide that will give you hands-on experience to mitigate risks and prevent attackers from infiltrating your system Book DescriptionThe book will start talking about the security posture before moving to Red Team tactics, where you will learn the basic syntax for the Windows and Linux tools that are commonly used to perform the necessary operations. You will also gain hands-on experience of using new Red Team techniques with powerful tools such as python and PowerShell, which will enable you to discover vulnerabilities in your system and how to exploit them. Moving on, you will learn how a system is usually compromised by adversaries, and how

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they hack user's identity, and the various tools used by the Red Team to find vulnerabilities in a system. In the next section, you will learn about the defense strategies followed by the Blue Team to enhance the overall security of a system. You will also learn about an in-depth strategy to ensure that there are security controls in each network layer, and how you can carry out the recovery process of a compromised system. Finally, you will learn how to create a vulnerability management strategy and the different techniques for manual log analysis. What you will learn

Learn the importance of having a solid foundation for your security posture  
Understand the attack strategy using cyber security kill chain  
Learn how to enhance your defense strategy by improving your security policies, hardening your network, implementing active sensors, and leveraging threat intelligence  
Learn how to perform an incident investigation  
Get an in-depth understanding of the recovery process  
Understand continuous security monitoring and how to implement a

vulnerability management strategy  
Learn how to perform log analysis to identify suspicious activities  
Who this book is for  
This book aims at IT professional who want to venture the IT security domain. IT pentester, Security consultants, and ethical hackers will also find this course useful. Prior knowledge of penetration testing would be beneficial.