

Chapter 1 : Certified Ethical Hacker (CEH) Cert Guide - Pearsoncmg - calendrierdelascience.com

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.

Superior Solutions performs security assessments and penetration testing for Fortune firms. The company has performed security assessments for private, public, and governmental agencies. Its Houston-based team travels the country to assess, audit, and provide training services. Michael is responsible for working with organizations to develop cost-effective and innovative technology solutions to security issues and for evaluating emerging technologies. In addition to coauthoring the first, second, and third editions of Security Administrator Street Smarts, Michael has written or co-authored 14 other books, including Build Your Own Security Lab: He has created more than a dozen IT security training security classes. When not consulting, teaching, or writing, Michael enjoys s muscle cars and has a slot in his garage for a new project car. I also want to thank Curley, Betty, Gen, Alice, and all of my family. A special thanks to the people of Pearson IT Certification, who helped make this project a reality, including Betsy Brown. I would also like to thank my technical editors, Brock Pearson and Tatyana Zidarov. Pipkin, Shondra Schneider, and Allen Taylor. As the reader of this book, you are our most important critic and commentator. We welcome your comments. Please note that we cannot help you with technical problems related to the topic of this book. We will carefully review your comments and share them with the author and editors who worked on the book. CEH is recognized by both employers and the industry as providing candidates with a solid foundation of hands-on security testing skills and knowledge. The CEH exam covers a broad range of security concepts to prepare candidates for the technologies that they are likely to be working with if they move into a role that requires hands-on security testing. It offers you a one-stop shop for what you need to know to pass the exam. You do not have to take a class in addition to buying this book to pass the exam. However, depending on your personal study habits or learning style, you might benefit from buying this book and taking a class. Cert Guides are meticulously crafted to give you the best possible learning experience for the particular characteristics of the technology covered and the actual certification exam. The instructional design implemented in the Cert Guides reflects the nature of the CEH certification exam. The Cert Guides provide you with the factual knowledge base you need for the exams, and then take it to the next level with exercises and exam questions that require you to engage in the analytic thinking needed to pass the CEH exam. EC-Council recommends that the typical candidate for this exam have a minimum of 2 years of experience in IT security. It is not a book designed to teach you advanced hacking techniques or the latest hack. It provides basics to get you started in the world of ethical hacking and prepare you for the exam. Those wanting to become experts in this field should be prepared for additional reading, training, and practical experience.

Goals and Methods The most important and somewhat obvious goal of this book is to help you pass the CEH exam. While this book and the accompanying CD together have more than enough questions to help you prepare for the actual exam, the method in which they are used is not to simply make you memorize as many questions and answers as you possibly can. Remember that the CEH exam will not only expect you to understand hacking concepts but also common tools. So, this book does not try to help you pass by memorization, but helps you truly learn and understand the topics and when specific tools should be used. This book will help you pass the CEH exam by using the following methods: This book is not designed to be a general security book or one that teaches network defenses. This book looks specifically at how attackers target networks, what tools attackers use, and how these techniques can be used by ethical hackers. Overall, this book is written with one goal in mind: So, why should you want to pass the CEH exam? It is also featured as part of DoD , and having the certification might mean a raise, a promotion, or other recognition. Or one of many other reasons.

Strategies for Exam Preparation Although this book is designed to prepare you to take and pass the CEH certification exam, there are no guarantees. Read this book, work through the questions and exercises, and when you feel confident, take the practice exam and additional exams provided in the test

software. Your results should tell you whether you are ready for the real thing. When taking the actual certification exam, make sure that you answer all the questions before your time limit expires. Do not spend too much time on any one question. If you are unsure about the answer to a question, answer it as best as you can, and then mark it for review. Introduction Remember that the primary objective is not to pass the exam but to understand the material. When you understand the material, passing the exam should be simple. Knowledge is a pyramid; to build upward, you need a solid foundation. This book and the CEH certification are designed to ensure that you have that solid foundation. Regardless of the strategy you use or the background you have, the book is designed to help you get to the point where you can pass the exam with the least amount of time required. For instance, there is no need for you to practice or read about scanning and Nmap if you fully understand the tool already. However, many people like to make sure that they truly know a topic and therefore read over material that they already know. Several book features will help you gain the confidence that you need to be convinced that you know some material already, and to also help you know what topics you need to study more. How This Book Is Organized Although this book could be read cover to cover, it is designed to be flexible and allow you to easily move between chapters and sections of chapters to cover just the material that you need more work with. Chapter 1 provides an overview of ethical hacking and reviews some basics. Chapters 2 through 13 are the core chapters. If you do intend to read them all, the order in the book is an excellent sequence to use. The core chapters, Chapters 2 through 13, cover the following topics: The chapter reviews what type of information should be researched during footprinting and how passive and active footprinting and scanning tools should be used. System hacking introduces the first step at which the hacker is actually exploiting a vulnerability systems. This chapter also reviews automated security tools such as Metasploit and Canvas. It reviews the methods in which the tools are deployed and used. The chapter examines the difference in passive and active sniffing. This chapter also reviews honeypots and honeynets and how they are used to jail attackers. The chapter also examines basic types of malware such as viruses and worms, and examines static and active analysis of malicious code. Attacks can be technical, social, or even physical. Finally, this chapter reviews important concepts of penetration testing. This page intentionally left blank This chapter covers the following topics: The process of counting off or listing what services, applications, and protocols are present on each identified computer. The process of gaining access, escalating privileges, maintaining control, and covering tracks. It gives you the knowledge you need to prepare for the Certified Ethical Hacker exam, and it broadens your knowledge of Windows security controls and weaknesses. However, this chapter addresses only the basic information, as it would require an entire book to cover all Windows hacking issues. If you are seriously considering a career as a penetration tester, this chapter should whet your appetite for greater knowledge. The chapter begins by introducing enumeration and discusses what kind of information can potentially be uncovered. Enumeration is the final pre-attack phase in which you probe for usernames, system roles, account details, open shares, and weak passwords. This chapter also reviews some basics of Windows architecture. A review of Windows users and groups is discussed. The last topic is system hacking. This section discusses the tools and techniques used for gaining access to computer systems. If you are in doubt about your answers to these questions or your own assessment of your knowledge of the topics, read the entire chapter.

Chapter 2 : Best Free Prep Materials for the Certified Ethical Hacker

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Chapter 3 : Certified Ethical Hacker (CEH) Version 9 Cert Guide, 2nd Edition â€” CoderProg

The Certified Ethical Hacker (CEH) Cert Guide is targeted specifically for CEH exam candidates, matching the CEH exam objectives with the effective and popular Cert Guide method of study. The book presents students with an organized test preparation routine through the use of proven series elements and techniques.

Chapter 4 : CEH Topics | Pearson IT Certification

Certified Ethical Hacker (CEH) Version 9 Pearson uCertify Course and Labs and Textbook Bundle (2nd Edition) (Certification Guide) Oct 28, by Michael Gregg and uCertify.

Chapter 5 : Certified Ethical Hacker (CEH) Cert Guide - free PDF, DJVU, EPUB, FB3

A Certified Ethical Hacker is a skilled professional who understands and knows how to look for weaknesses and vulnerabilities in target systems and uses the same knowledge and tools as a malicious hacker, but in a lawful and legitimate manner to assess the security posture of a target system(s).

Chapter 6 : Certified Ethical Hacker (Ceh) Cert Guide by Michael Gregg

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Chapter 7 : Certified Ethical Hacker (CEH) cert guide (Book,) [calendrierdelascience.com]

The Certified Ethical Hacker (v10) is the latest edition in the line of EC-Council CEH courses. The course will guide you right from the beginner level through to achieving the certification. Delivered by highly experienced instructors (all of whom are Certified EC-Council Instructors, or CEIs), the.

Chapter 8 : The 5 Best CEH Certification Books For | Certification News

The Certified Ethical Hacker (CEH) certification exam is a long exam that requires a good deal of preparation, especially given the price of the exam, I'm sure you don't want to fail. This CEH exam prep study guide will help prepare you for the exam, and it will help you to understand the material you learned in our free class.

Chapter 9 : Certified Ethical Hacker (CEH) Cert Guide [Book]

Simplilearn's CEH v10 Certified Ethical Hacker training (earlier CEH v9) and certification course provide hands-on classroom training to help you master the same techniques that hackers use to penetrate network systems and leverage them ethically to protect your own infrastructure.