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*CISSP Training Guide* Roberta Bragg 2002 The CISSP (Certified Information Systems Security Professionals) exam is a six-hour, monitored paper-based exam covering 10 domains of information system security knowledge, each representing a specific area of expertise. This book maps the exam objectives and offers numerous features such as exam tips, case studies, and practice exams.

**Taming PYTHON By Programming** Jeeva Jose This is a great book for Python Beginner and Advanced Learner which covers Basics to Advanced Python Programming where each topic is explained with the help of Illustrations and Examples. More than 450 solved programs of this book are tested in Python 3.4.3 for windows. The range of Python Topics covered makes this book unique which can be used as a self study material or for instructor assisted teaching. This books covers Python Syllabus of all major national and international universities. Also it includes frequently asked questions for interviews and examination which are provided at the end of each chapter.

**Cyber Operations** Mike O’Leary 2019-03-01 Know how to set up, defend, and attack computer networks with this revised and expanded second edition. You will learn to configure your network from the ground up, beginning with developing your own private virtual test environment, then setting up your own DNS server and AD infrastructure. You will continue with more advanced network services, web servers, and database servers and you will end by building your own web applications servers, including WordPress and Joomla!. Systems from 2011 through 2017 are covered, including Windows 7, Windows 8, Windows 10, Windows Server 2012, and Windows Server 2016 as well as a range of Linux distributions, including Ubuntu, CentOS, Mint, and OpenSUSE. Key defensive techniques are integrated throughout and you will develop situational awareness of your network and build a complete defensive infrastructure, including log servers, network firewalls, web application firewalls, and intrusion detection systems. Of course, you cannot truly understand how to defend a network if you do not know how to attack it, so you will attack your test systems in a variety of ways. You will learn about Metasploit, browser attacks, privilege escalation, pass-the-hash attacks, malware, man-in-the-middle attacks, database attacks, and web application attacks. What You’ll Learn Construct a testing laboratory to experiment with software and attack techniquesBuild realistic networks that include active directory, file servers, databases, web servers, and web applications such as WordPress and Joomla!Manage networks remotely with tools, including PowerShell, WMI, and WinRMUse offensive tools such as Metasploit, Mimikatz, Veil, Burp Suite, and John the RipperExploit networks starting from malware and initial intrusion to privilege escalation through password cracking and persistence mechanismsDefend networks by developing operational awareness using auditd and Sysmon to analyze logs, and deploying defensive tools such as the Snort intrusion detection system, IPFire firewalls, and ModSecurity web application firewalls Who This Book Is For This study guide is intended for everyone involved in or interested in cybersecurity operations (e.g., cybersecurity professionals, IT professionals, business professionals, and students)

**Programming Python** Mark Lutz 2010-12-14 If you’ve mastered Python’s fundamentals, you’re ready to start using it to get real work done. Programming Python will show you how, with in-depth tutorials on the language’s primary application domains: system administration, GUIs, and the Web. You’ll also explore how Python is used in databases, networking, front-end scripting layers, text processing, and more. This book focuses on commonly used tools and libraries to give you a comprehensive understanding of Python’s many roles in practical, real-world programming. You’ll learn language syntax and programming techniques in a clear and concise manner, with lots of examples that illustrate both correct usage and common idioms. Completely updated for version 3.x, Programming Python also delves into the language as a software development tool, with many code examples scaled specifically for that purpose. Topics include: Quick Python tour: Build a simple demo that includes data representation, object-oriented programming, object persistence, GUIs, and website basics System programming: Explore system interface tools and techniques for command-line scripting, processing files and folders, running programs in parallel, and more GUI programming: Learn to use Python’s tkinter widget library Internet programming: Access client-side network protocols and email tools, use CGI scripts, and learn website implementation techniques More ways to apply Python: Implement data structures, parse text-based information, interface with databases, and extend and embed Python

**Crescent Over Another Horizon** Maria del Mar Logroño Narbona 2015-09-15 Muslims have been shaping the Americas and the Caribbean for more than five hundred years, yet this interplay is frequently overlooked or misconstrued. Brimming with revelations that synthesize area and ethnic studies, Crescent over Another Horizon presents a portrait of Islam’s unity as it evolved through plural formulations of identity, power, and belonging. Offering a Latino American perspective on a wider Islamic world, the editors overturn the conventional perception of Muslim communities in the New World, arguing that their characterization as “minorities” obscures the interplay of ethnicity and religion that continues to foster transnational ties. Bringing together studies of Iberian colonists, enslaved Africans, indentured South Asians, migrant Arabs, and Latino and Latin American converts, the volume captures the power-laden processes at work in religious conversion or resistance. Throughout each analysis—spanning times of inquisition, conquest, repressive nationalism, and anti-terror security protocols—the authors offer innovative frameworks to probe the ways in which racialized Islam has facilitated the building of new national identities while fostering a double-edged marginalization. The subjects of the essays transition from imperialism (with studies of morisco converts to Christianity, West African slave uprisings, and Muslim and Hindu South Asian indentured laborers in Dutch Suriname) to the contemporary Muslim presence in Argentina, Brazil, Mexico, and Trinidad, completed by a timely examination of the United States, including Muslim communities in “Hispanicized” South Florida and the agency of Latina conversion. The result is a fresh perspective that opens new horizons for a vibrant range of fields.

*Apache Cookbook* Rich Bowen 2008-02-21 This is a collection of problems, solutions, and practical examples for webmasters, web administrators, programmers, and anyone who works with Apache.

**Exploring BeagleBone** Derek Molloy 2018-12-17 In-depth instruction and practical techniques for building with the BeagleBone embedded Linux platform Exploring BeagleBone is a hands-on guide to bringing gadgets, gizmos, and robots to life using the popular BeagleBone embedded Linux platform. Comprehensive content and deep detail provide more than just a BeagleBone instruction manual-you’ll also learn the underlying engineering techniques that will allow you to create your own projects. The book begins with a foundational primer on essential skills, and then gradually moves into communication, control, and advanced applications using C/C++, allowing you to learn at your own pace. In addition, the book’s companion website features instructional videos, source code, discussion forums, and more, to ensure that you have everything you need. The BeagleBone’s small size, high performance, low cost, and extreme adaptability have made it a favorite development platform, and the Linux software base allows for complex yet flexible functionality. The BeagleBone has applications in smart buildings, robot control, environmental sensing, to name a few; and, expansion boards and peripherals dramatically increase the possibilities. Exploring BeagleBone provides a reader-friendly guide to the device, including a crash course in computer engineering. While following step by step, you can: Get up to speed on embedded Linux, electronics, and programming Master interfacing electronic circuits, buses and modules, with practical examples Explore the Internet-connected BeagleBone and the BeagleBone with a display Apply the BeagleBone to sensing applications, including video and sound Explore the BeagleBone’s Programmable Real-Time Controllers Updated to cover the latest Beagle boards, Linux kernel versions, and Linux software releases. Includes new content on Linux kernel development, the Linux Remote Processor Framework, CAN bus, IoT frameworks, and much more! Hands-on learning helps ensure that your new skills stay with you, allowing you to design with electronics, modules, or peripherals even beyond the BeagleBone. Insightful guidance and online peer support help you transition from beginner to expert as you master the techniques presented in Exploring BeagleBone, the practical handbook for the popular computing platform.

**Computer Forensics For Dummies** Carol Pollard 2008-10-13 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 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.

**AVIEN Malware Defense Guide for the Enterprise** David Harley 2011-04-18 Members of AVIEN (the Anti-Virus Information Exchange Network) have been setting agendas in malware management for several years: they led the way on generic filtering at the gateway, and in the sharing of information about new threats at a speed that even anti-virus companies were hard-pressed to match. AVIEN members represent the best-protected large organizations in the world, and millions of users. When they talk, security vendors listen: so should you. AVIEN’s sister organization AVIEWS is an invaluable meeting ground between the security vendors and researchers who know most about malicious code and anti-malware technology, and the top security administrators of AVIEN who use those technologies in real life. This new book uniquely combines the knowledge of these two groups of experts. Anyone who is responsible for the security of business information systems should be aware of this major addition to security literature. \* “Customer Power” takes up the theme of the sometimes stormy relationship between the antivirus industry and its customers, and tries to dispel some common myths. It then considers the roles of the independent researcher, the vendor-employed specialist, and the corporate security specialist. \* “Stalkers on Your Desktop” considers the thorny issue of malware nomenclature and then takes a brief historical look at how we got here, before expanding on some of the malware-related problems we face today. \* “A Tangled Web” discusses threats and countermeasures in the context of the World Wide Web. \* “Big Bad Bots” tackles bots and botnets, arguably Public Cyber-Enemy Number One. \* “Crème de la CyberCrime” takes readers into the underworld of old-school virus writing, criminal business models, and predicting future malware hotspots. \* “Defense in Depth” takes a broad look at DiD in the enterprise, and looks at some specific tools and technologies. \* “Perilous Outsorcery” offers sound advice on how to avoid the perils and pitfalls of outsourcing, incorporating a few horrible examples of how not to do it. \* “Education in Education” offers some insights into user education from an educationalist’s perspective, and looks at various aspects of security in schools and other educational establishments. \* “DIY Malware Analysis” is a hands-on, hands-dirty approach to security management, considering malware analysis and forensics techniques and tools. \* “Antivirus Evaluation & Testing” continues the D-I-Y theme, discussing at length some of the thorny issues around the evaluation and testing of antimalware software. \* “AVIEN & AVIEWS: the Future” looks at future developments in AVIEN and AVIEWS. \* Unique, knowledgeable, unbiased and hype-free commentary. \* Written by members of the anti-malware community; most malware books are written by outsiders. \* Combines the expertise of truly knowledgeable systems administrators and managers, with that of the researchers who are most experienced in the analysis of malicious code, and the development and maintenance of defensive programs.