



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)

*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.

**Principles of Information Security** Michael E. Whitman 2011-01-01 The fourth edition of Principles of Information Security explores the field of information security and assurance with updated content including new innovations in technology and methodologies. Students will revel in the comprehensive coverage that includes a historical overview of information security, discussions on risk management and security technology, current certification information, and more. The text builds on internationally-recognized standards and bodies of knowledge to provide the knowledge and skills

students need for their future roles as business decision-makers. Information security in the modern organization is a management issue which technology alone cannot answer; it is a problem that has important economic consequences for which management will be held accountable. Students can feel confident that they are using a standards-based, content-driven resource to prepare for their work in the field. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**The Internet Encyclopedia** Hossein Bidgoli 2004 The Internet Encyclopedia in a 3-volume reference work on the internet as a business tool, IT platform, and communications and commerce medium.

**Forensic Computing** Anthony Sammes 2007-08-18 In the second edition of this very successful book, Tony Sammes and Brian Jenkinson show how the contents of computer systems can be recovered, even when hidden or subverted by criminals. Equally important, they demonstrate how to insure that computer evidence is admissible in court. Updated to meet ACPO 2003 guidelines, Forensic Computing: A Practitioner's Guide offers: methods for recovering evidence information from computer systems; principles of password protection and data encryption; evaluation procedures used in circumventing a system's internal security safeguards, and full search and seizure protocols for experts and police officers.

**Foreign Policy of Iran under President Hassan Rouhani's First Term (2013-2017)** Luciano Zaccara 2020-06-22 The book deals with President Hassan Rouhani's conceptual approach to foreign policy. It discusses the main pillars of thinking underpinning Rouhani's administration and the school of thought associated with it, with a focus on issues pertaining to development as well as international relations. The signature of the "Joint Comprehensive Plan of Action" in 2015 showed the Iranian commitment towards the international requests on guarantees and transparency on its nuclear enrichment program. The book analyses the actual impact of the nuclear deal on the Gulf regional politics, with especial emphasis on the Iran-Saudi Arabia balance of power and the internal implications at political and economic level. It will assess the success or failure of the nuclear deal JCPOA as a foreign policy tool and its impact for Iran and the region. The book also analyses Iran's relations with other gulf Arab states, Latin America, Africa and its 'war on terror' along with its allies Syria and Iraq.

**Network Programming with Perl** Lincoln D. Stein 2001 A text focusing on the methods and alternatives for designed TCP/IP-based client/server systems and advanced techniques for specialized applications with Perl. A guide examining a collection of the best third party modules in the Comprehensive Perl Archive Network. Topics covered: Perl function libraries and techniques that allow programs to interact with resources over a network. IO: Socket library ; Net: FTP library -- Telnet library -- SMTP library ; Chat problems ; Internet Message Access Protocol (IMAP) issues ; Markup-language parsing ; Internet Protocol (IP) broadcasting and multicasting.

*The Food Chain* Barbara Krasner 2018-12-15 Globalization has impacted many aspects of life, and the food chain is no exception. Approximately one-quarter of America's food supply is imported, and while food production and manufacturing companies financially benefit from sourcing food from other countries, regulating these food sources becomes increasingly difficult. How does food regulation and inspection differ between countries? What can be done to ensure food imported from other countries is safe for consumption, and how can we make sure people involved in the food production process around the world are treated ethically? Readers will explore the many considerations affecting the global food chain.