Cciso Certified Chief Information Security Officer

This book will enable you to: understand the different types of Cloud and know which is the right one for your business have realistic expectations of what a Cloud service can give you, and enable you to manage it in the way that suits your business minimise potential disruption by successfully managing the risks and threats make appropriate changes to your business in order to seize opportunities offered by Cloud set up an effective governance system and benefit from the consequential cost savings and reductions in expenditure understand the legal implications of international data protection and privacy laws, and protect your business against falling foul of such laws know how Cloud can benefit your business continuity and disaster recovery planning.
In order to protect company's information assets such as sensitive customer records, health care records, etc., the security practitioner first needs to find out: what needs protected, what risks those assets are exposed to, what controls are in place to offset those risks, and where to focus attention for risk treatment. This is the true value and purpose of information security risk assessments. Effective risk assessments are meant to provide a defendable analysis of residual risk associated with your key assets so that risk treatment options can be explored. Information Security Risk Assessments gives you the tools and skills to get a quick, reliable, and thorough risk assessment for key stakeholders. Based on authors' experiences of real-world assessments, reports, and presentations Focuses on implementing a process, rather than theory, that allows you to derive a quick and valuable assessment Includes a companion web site with spreadsheets you can utilize to create and maintain the risk assessment
Good solid advice and great strategies in preparing for and passing the Certified Chief Information Security Officer (CCISO) exam, getting interviews and landing the Certified Chief Information Security Officer (CCISO) job. If you have prepared for the Certified Chief Information Security Officer (CCISO) exam - now is the moment to get this book and prepare for passing the exam and how to find and land a Certified Chief Information Security Officer (CCISO) job, There is absolutely nothing that isn't thoroughly covered in the book. It is straightforward, and does an excellent job of explaining some complex topics. There is no reason to invest in any other materials to find and land a Certified Chief Information Security Officer (CCISO) certified job. The plan is pretty simple, buy this book, read it, do the practice questions, get the job. This book figures out ways to boil down critical exam and job landing concepts into real world applications and scenarios. Which makes this book user-friendly, interactive, and valuable as a resource long after students pass the exam. People who teach Certified Chief Information Security Officer (CCISO) classes for a living or for their companies understand the true value of this book. You certainly will too. To Prepare for the exam this book tells you: - What you need to know about the Certified Chief Information Security Officer (CCISO) Certification and exam - Preparation Tips for passing the Certified Chief Information Security Officer (CCISO) Certification Exam - Taking tests The book contains several suggestions on how preparing yourself for an interview. This is an aspect that many people underestimate, whilst having a well-written CV, a personal blog, and possibly a number of past projects is definitively important - there is much more to prepare for. It covers non-technical aspects (how to find a job, resume, behavioral etc.). A 'Must-study' before taking a Tech Interview. To Land the Job, it gives you the hands-on and how-to's insight on - Typical Certified Chief Information Security Officer (CCISO) Careers - Finding Opportunities - the best places to find them - Writing Unbeatable Resumes and Cover Letters - Acing the Interview - What to Expect From Recruiters - How employers hunt for Job-hunters.... and More This book offers excellent, insightful advice for everyone from entry-level to senior professionals. None of the other such career guides compare with this one. It stands out because it: - Explains how the people doing the hiring think, so that you can win them over on paper and then in your interview - Is filled with useful work-sheets - Explains every step of the job-hunting process - from little-known ways for finding openings to getting ahead on the job This book covers everything. Whether you are trying to get your first Certified Chief Information Security Officer (CCISO) Job or move up in the system, you will be glad you got this book. For any IT Professional who aspires to land a Certified Chief Information Security Officer (CCISO) certified job at top tech companies, the key skills that are an absolute must have are having a firm grasp on Certified Chief Information Security Officer (CCISO) This book is not only a compendium of most important topics for your Certified Chief Information Security Officer (CCISO) exam and how to pass it, it also gives you an interviewer's perspective and it covers aspects like soft skills that most IT Professionals ignore or are unaware of, and this book certainly helps patch them. When should you get this book? Whether you are searching for a job or not, the answer is now.
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. This effective study guide provides 100% coverage of every topic on the challenging CCSK exam from the Cloud Security Alliance This highly effective self-study guide covers all domains of the challenging Certificate of Cloud Security Knowledge v4 exam. Written by a cloud security trainer and consultant in collaboration with the Cloud Security Alliance, CCSK Certificate of Cloud Security Knowledge All-in-One Exam Guide offers clear explanations, real-world examples, and practice questions that match the content and format of those on the actual exam. To aid in retention, each chapter includes exam tips that highlight key information, a review that serves as a quick recap of salient points, and practice questions that allow you to test your comprehension. Sample cloud policies and a glossary of key terms are also provided. COVERS ALL EXAM TOPICS, INCLUDING: • Cloud Computing Concepts and Architectures • Governance and Enterprise Risk Management • Legal Issues, Contracts, and Electronic Discovery • Compliance and Audit Management • Information Governance • Management Plane and Business Continuity • Infrastructure Security • Virtualization and Containers • Incident Response • Application Security • Data Security and Encryption • Identity, Entitlement, and Access Management • Security as a Service • Related Technologies • ENISA Cloud Computing: Benefits, Risks, and Recommendations for Information Security Online content includes: • 120 practice exam questions • Test engine that provides full-length practice exams and customizable quizzes by exam topic
The EC-Council | Press Ethical Hacking and Countermeasures Series is comprised of five books covering a broad base of topics in offensive network security, ethical hacking, and network defense and countermeasures. The content of this series is designed to immerse the reader into an interactive environment where they will be shown how to scan, test, hack and secure information systems. With the full series of books, the reader will gain in-depth knowledge and practical experience with essential security systems, and become prepared to succeed on the Certified Ethical Hacker, or C|EH, certification from EC-Council. This certification covers a plethora of offensive security topics ranging from how perimeter defenses work, to scanning and attacking simulated networks. A wide variety of tools, viruses, and malware is presented in this and the other four books, providing a complete understanding of the tactics and tools used by

hackers. By gaining a thorough understanding of how hackers operate, an Ethical Hacker will be able to set up strong countermeasures and defensive systems to protect an organization's critical infrastructure and information. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Security practitioners must be able to build a cost-effective security program while at the same time meet the requirements of government regulations. This book lays out these regulations in simple terms and explains how to use the control frameworks to build an effective information security program and governance structure. It discusses how organizations can best ensure that the information is protected and examines all positions from the board of directors to the end user, delineating the role each plays in protecting the security of the organization.

Good solid advice and great strategies in preparing for and passing the Certified Chief Information Security Officer (CISO) exam, getting interviews and landing the Certified Chief Information Security Officer (CISO) job. If you have prepared for the Certified Chief Information Security Officer (CISO) exam - now is the moment to get this book and prepare for passing the exam and how to find and land a Certified Chief Information Security Officer (CISO) job, There is absolutely nothing that isn't thoroughly covered in the book. It is straightforward, and does an excellent job of explaining some complex topics. There is no reason to invest in any other materials to find and land a Certified Chief Information Security Officer (CISO) certified job. The plan is pretty simple, buy this book, read it, do the practice questions, get the job. This book figures out ways to boil down critical exam and job landing concepts into real world applications and scenarios. Which makes this book user-friendly, interactive, and valuable as a resource long after students pass the exam. People who teach Certified Chief Information Security Officer (CISO) classes for a living or for their companies understand the true value of this book. You certainly will too. To Prepare for the exam this book tells you: - What you need to know about the Certified Chief Information Security Officer (CISO) Certification and exam - Preparation Tips for passing the Certified Chief Information Security Officer (CISO) Certification Exam - Taking tests The book contains several suggestions on how preparing yourself for an interview. This is an aspect that many people underestimate, whilst having a well-written CV, a personal blog, and possibly a number of past projects is definitively important - there is much more to prepare for. It covers non-technical aspects (how to find a job, resume, behavioral etc.). A 'Must-study' before taking a Tech Interview. To Land the Job, it gives you the hands-on and how-to's insight on - Typical Certified Chief Information Security Officer (CISO) Careers - Finding Opportunities - the best places to find them - Writing Unbeatable Resumes and Cover Letters - Acing the Interview - What to Expect From Recruiters - How employers hunt for Job-hunters.... and More This book offers excellent, insightful advice for everyone from entry-level to senior professionals. None of the other such career guides compare with this one. It stands out because it: - Explains how the people doing the hiring think, so that you can win them over on paper and then in your interview - Is filled with useful work-sheets - Explains every step of the job-hunting process - from little-known ways for finding openings to getting ahead on the job This book covers everything. Whether you are trying to get your first Certified Chief Information Security Officer (CISO) Job or move up in the system, you will be glad you got this book. For any IT Professional who aspires to land a Certified Chief Information Security Officer (CISO) certified job at top tech companies, the key skills that are an absolute must have are having a firm grasp on Certified Chief Information Security Officer (CISO) This book is not only a compendium of most important topics for your Certified Chief Information Security Officer (CISO) exam and how to pass it, it also gives you an interviewer's perspective and it covers aspects like soft skills that most IT Professionals ignore or are unaware of, and this book certainly helps patch them. When should you get this book? Whether you are searching for a job or not, the answer is now.

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.

An easy to use guide written by experienced practitioners for recently-hired or promoted Chief Information Security Offices (CISOs), individuals aspiring to become a CISO, as well as business and technical professionals interested in the topic of cybersecurity, including Chief Technology Officers (CTOs), Chief Information Officers (CIOs), Boards of Directors, Chief Privacy Officers, and other executives responsible for information protection.As a desk reference guide written specifically for CISOs, we hope this book becomes a trusted resource for you, your teams, and your colleagues in the C-suite. The different perspectives can be used as standalone refreshers and the five immediate next steps for each chapter give the reader a robust set of 45 actions based on roughly 100 years of relevant experience that will help you strengthen your cybersecurity programs.

100% coverage of every objective for the EC-Council’s Certified Chief Information Security Officer exam Take the challenging CCISO exam with confidence using the comprehensive information contained in this effective study guide. CCISO Certified Chief Information Security Officer All-in-One Exam Guide provides 100% coverage of all five CCISO domains. Each domain is presented with information mapped to the 2019 CCISO Blueprint containing the exam objectives as defined by the CCISO governing body, the EC-Council. For each domain, the information presented includes: background information; technical information explaining the core concepts; peripheral information intended to support a broader understating of the domain; stories, discussions, anecdotes, and examples providing real-world context to the information. • Online content includes 300

practice questions in the customizable Total Tester exam engine • Covers all exam objectives in the 2019 EC-Council CCISO Blueprint • Written by information security experts and experienced CISOs

The DISASTER RECOVERY/VIRTUALIZATION SECURITY SERIES is comprised of two books that are designed to fortify disaster recovery preparation and virtualization technology knowledge of information security students, system administrators, systems engineers, enterprise system architects, and any IT professional who is concerned about the integrity of their network infrastructure. Topics include disaster recovery planning, risk control policies and countermeasures, disaster recovery tools and services, and virtualization principles. The series when used in its entirety helps prepare readers to take and succeed on the E|CDR and E|CVT, Disaster Recovery and Virtualization Technology certification exam from EC-Council. The EC-Council Certified Disaster Recovery and Virtualization Technology professional will have a better understanding of how to set up disaster recovery plans using traditional and virtual technologies to ensure business continuity in the event of a disaster. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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. This cost-effective study bundle contains two books and bonus online content to use in preparation for the CISM exam Take ISACA’s challenging Certified Information Security Manager exam with confidence using this comprehensive self-study package. Comprised of CISM Certified Information Security Manager All-in-One Exam Guide, CISM Certified Information Security Manager Practice Exams, and bonus digital content, this bundle contains 100% coverage of every domain on the current exam. Readers will get real-world examples, professional insights, and concise explanations. CISM Certified Information Security Manager Bundle contains practice questions that match those on the live exam in content, style, tone, format, and difficulty. Every domain on the test is covered, including information security governance, information risk management, security program development and management, and information security incident management. This authoritative bundle serves both as a study tool AND a valuable on-the-job reference for security professionals. •Readers will save 22% compared to buying the two books separately•Online content includes 550 accurate practice exam questions and a quick review guide•Written by an IT expert and experienced author

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. This effective study guide provides 100% coverage of every topic on the latest version of the CISM exam Written by an information security executive consultant, experienced author, and university instructor, this highly effective integrated self-study system enables you to take the challenging CISM exam with complete confidence. CISM Certified Information Security Manager All-in-One Exam Guide covers all four exam domains developed by ISACA. You’ll find learning objectives at the beginning of each chapter, exam tips, practice questions, and in-depth explanations. All questions closely match those on the live test in tone, format, and content. “Note,” “Tip,” and “Caution” sections throughout provide real-world insight and call out potentially harmful situations. Beyond fully preparing you for the exam, the book also serves as a valuable on-the-job reference. Covers all exam domains, including: • Information security governance • Information risk management • Information security program development and management • Information security incident management Electronic content includes: • 400 practice exam questions • Test engine that provides full-length practice exams and customizable quizzes by exam topic • Secured book PDF

Have you ever wondered why so many companies and their security leaders fail in today's cyber challenges? Regardless if you are new in this role and look for guidance, or you are considering yourself an expert and just wish to verify that you haven't forgotten anything - this book will help you to tackle the subject right - by building "security by design." The content covers your initial phases in the job such as setting expectations, base lining, gap analysis, capabilities building, and org chart variances. It then leads you to define security architecture, addressing a secure development process, application security and also security policy levels. Further items such as awareness programs, asset management, teaming up with audit, risk management, and finally the strategy development are covered. Then we dive into ROIs, trust relationships, KPIs, incident response, forensics, before we run into crises management by looking at some specific examples of personal experience of the author - himself a C(I)SO for many years. The book is ending by providing advice how to deal with other executive management, and what kind of education, certifications, and networking you need to focus on. If you consistently apply the content and advice provided in this book, you should be all set to succeed in your role as C(I)SO.

Based on news reports, you might think there's a major cybersecurity threat every four to five months. In reality, there's a cybersecurity attack happening every minute of every day. Today, we live our lives—and conduct our business—online. Our data is in the cloud and in our pockets on our smartphones, shuttled over public Wi-Fi and company networks. To keep it safe, we rely on passwords and encryption and private servers, IT departments and best practices. But as you read this, there is a 70 percent chance that your data is compromised . . . you just don't know it yet. Cybersecurity attacks have increased exponentially, but because they're stealthy and often invisible, many underplay, ignore, or simply don't realize the danger. By the time they discover a breach, most individuals and businesses have been compromised for over three years. Instead of waiting until a problem surfaces, avoiding a data disaster means acting now to prevent one. In Cyber Crisis, Eric Cole gives readers a clear-eyed picture of the information war raging in cyberspace. Drawing on 30 years of experience—as a professional hacker for the CIA, as the Obama administration's cybersecurity commissioner, and as a consultant to clients around the globe from Bill Gates to Lockheed Martin and McAfee—Cole offers practical, actionable advice that even those with little technical background can implement,

including steps to take on a daily, weekly, and monthly basis to protect their businesses and themselves. No matter who you are or where you work, cybersecurity should be a top priority. The information infrastructure we rely on in every sector of our lives—in healthcare and finance, for governments and private citizens—is both critical and vulnerable, and sooner or later, you or your company will be a target. This book is your guide to understanding the threat and putting together a proactive plan to minimize exposure and damage, and ensure the security of your business, your family, and your future

Build a better defense against motivated, organized, professional attacks Advanced Penetration Testing: Hacking the World's Most Secure Networks takes hacking far beyond Kali linux and Metasploit to provide a more complex attack simulation. Featuring techniques not taught in any certification prep or covered by common defensive scanners, this book integrates social engineering, programming, and vulnerability exploits into a multidisciplinary approach for targeting and compromising high security environments. From discovering and creating attack vectors, and moving unseen through a target enterprise, to establishing command and exfiltrating data—even from organizations without a direct Internet connection—this guide contains the crucial techniques that provide a more accurate picture of your system's defense. Custom coding examples use VBA, Windows Scripting Host, C, Java, JavaScript, Flash, and more, with coverage of standard library applications and the use of scanning tools to bypass common defensive measures. Typical penetration testing consists of low-level hackers attacking a system with a list of known vulnerabilities, and defenders preventing those hacks using an equally well-known list of defensive scans. The professional hackers and nation states on the forefront of today's threats operate at a much more complex level—and this book shows you how to defend your high security network. Use targeted social engineering pretexts to create the initial compromise Leave a command and control structure in place for long-term access Escalate privilege and breach networks, operating systems, and trust structures Infiltrate further using harvested credentials while expanding control Today's threats are organized, professionally-run, and very much for-profit. Financial institutions, health care organizations, law enforcement, government agencies, and other high-value targets need to harden their IT infrastructure and human capital against targeted advanced attacks from motivated professionals. Advanced Penetration Testing goes beyond Kali linux and Metasploit and to provide you advanced pen testing for high security networks.

The CISO Certification is an industry-leading initiative that recognizes the real-world experience mandatory to succeed at the highest executive levels of information security. Here we’ve brought 200+ Exam practice questions for you so that you can prepare well for CISO exam. Unlike other online simulation practice tests, you get an Ebook/Paperback version that is easy to read & remember these questions. You can simply rely on these questions for successfully certifying this exam.

Television was one of the inventions that shaped the way society and culture evolved over the second half of the twentieth century. It had the powerful effect of shrinking the world which creating a unified view of how things were. There continues to be an evolution of television and a migration towards a fully interactive and ubiquitous IPTV. IPTV Security describes the science and history behind TV as well as detailed descriptions of all the architectural components that comprise an IPTV environment. It covers subjects logically from the Head End passing through the aggregation network and concluding with the Home End environment. The countermeasures required to ensure the safe operation of the IPTV environment are also examined, including Digital Rights Management technologies, network level security and application level security. IPTV Security defines the security model for an IPTV environment, ensuring that all critical elements are covered and a layered approach to security is implemented. One of the only books available on IPTV Security Provides a comprehensive view of IPTV components along with the associated threats and required countermeasures Detailed descriptions allow readers to understand the technology even if new to the field A complete reference guide to the security aspects of IPTV. This book is ideal for anyone responsible for IPTV security such as security officers and auditors working with internet services and telecommunications providers, phone and cable companies, content owners and security consultants and architects. It will also be of interest to networking and security engineers, software developers, network operators and university lectures and students involved in media, IT and security.

The first section of this book addresses the evolution of CISO (chief information security officer) leadership, with the most mature CISOs combining strong business and technical leadership skills. CISOs can now add significant value when they possess an advanced understanding of cutting-edge security technologies to address the risks from the nearly universal operational dependence of enterprises on the cloud, the Internet, hybrid networks, and third-party technologies demonstrated in this book. In our new cyber threat-saturated world, CISOs have begun to show their market value. Wall Street is more likely to reward companies with good cybersecurity track records with higher stock valuations. To ensure that security is always a foremost concern in business decisions, CISOs should have a seat on corporate boards, and CISOs should be involved from beginning to end in the process of adopting enterprise technologies. The second and third sections of this book focus on building strong security teams, and exercising prudence in cybersecurity. CISOs can foster cultures of respect through careful consideration of the biases inherent in the socio-linguistic frameworks shaping our workplace language and through the cultivation of cyber exceptionalism. CISOs should leave no stone unturned in seeking out people with unique abilities, skills, and experience, and encourage career planning and development, in order to build and retain a strong talent pool. The lessons of the breach of physical security at the US Capitol, the hack back trend, and CISO legal liability stemming from network and data breaches all reveal the importance of good judgment and the necessity of taking proactive stances on preventative measures. This book will target security and IT engineers, administrators and developers, CIOs, CTOs, CISOs, and CFOs. Risk personnel, CROs, IT, security auditors and security researchers will also find this book useful.

Caught in the crosshairs of “Leadership” and “Information Technology”, Information Security professionals are increasingly tapped to operate as business executives. This often puts them on a career path they did not expect, in a field not yet clearly defined. IT training does not usually includemanagerial skills such as leadership, team-building, communication, risk assessment, and corporate business savvy, needed by CISOs. Yet a lack in any of these areas can short circuit a career in information security. CISO Leadership: Essential Principles for Success captures years of hard knocks, success stories, and yes, failures. This is not a how-to book or a collection of technical data. It does not cover products or technology or provide a recapitulation of the

common body of knowledge. The book delineates information needed by security leaders and includes from-the-trenches advice on how to have a successful career in the field. With a stellar panel of contributors including William H. Murray, Harry Demaio, James Christiansen, Randy Sanovic, Mike Corby, Howard Schmidt, and other thought leaders, the book brings together the collective experience of trail blazers. The authors have learned through experience—been there, done that, have the t-shirt—and yes, the scars. A glance through the contents demonstrates the breadth and depth of coverage, not only in topics included but also in expertise provided by the chapter authors. They are the pioneers, who, while initially making it up as they went along, now provide the next generation of information security professionals with a guide to success.

This book is written by a C(I)SO for C(I)SOs - and also addresses CEOs, CROs, CLOs, CIOs, CTOs, Security Managers, Privacy Leaders, Lawyers, and even Marketing and Sales executives. It is written by a seven-time career CISO for other visionaries, leaders, strategists, architects, compliance and audit experts, those politically interested, as well as, revolutionaries, and students of IS, IT, and STEM subjects that want to step up their game in InfoSec and Cybersecurity. The book connects the dots about past data breaches and their misconceptions; provides an international perspective on privacy laws like GDPR and several others, about threat actors and threat vectors; introduces strategy and tactics for securing your organization; presents a first glimpse on leadership; explains security program planning and backup plans; examines team building; conceptualizes the governance board; explores budgets; cooperates with the PMO; divulges into tactics; further elaborates on leadership; establishes the reporting structure; illustrates risk assessments; elucidates security processes, principals, and architectural designs; enumerates security metrics; skims compliance; demonstrates attack surface reduction; explicates security intelligence; conceptualizes S-SDLC (SecDevOps); depicts security management; epitomizes global leadership; illustrates the cloud's weaknesses; and finishes with an outlook on IoT. If you are in need of strong, proven, battle-tested security advice for a progressing security career, if you're looking for the security wisdom of a global, experienced leader to make smart decisions, if you are an architect and want to know how to securely architect and design using guiding principles, design patterns, and controls, or even if you work in sales and want to understand how (not) to sell to the CISO - this is your almanac - and you will read and reference it many times.

Successful, experienced, and award-winning Chief Information Security Officers and Risk Officers share their 'tips of the trade' with those who want to accelerate their paths in these fields. The combination of technical sophistication, fervent determination, and strong business acumen of this remarkable group, is what makes them excel consistently and against all odds. This is a 'must-read' for cyber and risk professionals that fulfill a daily crucial, global mission, and compete in one of the most intense careers in the world.

Since 2001, the CERT® Insider Threat Center at Carnegie Mellon University’s Software Engineering Institute (SEI) has collected and analyzed information about more than seven hundred insider cyber crimes, ranging from national security espionage to theft of trade secrets. The CERT® Guide to Insider Threats describes CERT’s findings in practical terms, offering specific guidance and countermeasures that can be immediately applied by executives, managers, security officers, and operational staff within any private, government, or military organization. The authors systematically address attacks by all types of malicious insiders, including current and former employees, contractors, business partners, outsourcers, and even cloud-computing vendors. They cover all major types of insider cyber crime: IT sabotage, intellectual property theft, and fraud. For each, they present a crime profile describing how the crime tends to evolve over time, as well as motivations, attack methods, organizational issues, and precursor warnings that could have helped the organization prevent the incident or detect it earlier. Beyond identifying crucial patterns of suspicious behavior, the authors present concrete defensive measures for protecting both systems and data. This book also conveys the big picture of the insider threat problem over time: the complex interactions and unintended consequences of existing policies, practices, technology, insider mindsets, and organizational culture. Most important, it offers actionable recommendations for the entire organization, from executive management and board members to IT, data owners, HR, and legal departments. With this book, you will find out how to Identify hidden signs of insider IT sabotage, theft of sensitive information, and fraud Recognize insider threats throughout the software development life cycle Use advanced threat controls to resist attacks by both technical and nontechnical insiders Increase the effectiveness of existing technical security tools by enhancing rules, configurations, and associated business processes Prepare for unusual insider attacks, including attacks linked to organized crime or the Internet underground By implementing this book’s security practices, you will be incorporating protection mechanisms designed to resist the vast majority of malicious insider attacks.

CERT® Resilience Management Model (CERT-RMM) is an innovative and transformative way to manage operational resilience in complex, risk-evolving environments. CERT-RMM distills years of research into best practices for managing the security and survivability of people, information, technology, and facilities. It integrates these best practices into a unified, capability-focused maturity model that encompasses security, business continuity, and IT operations. By using CERT-RMM, organizations can escape silo-driven approaches to managing operational risk and align to achieve strategic resilience management goals. This book both introduces CERT-RMM and presents the model in its entirety. It begins with essential background for all professionals, whether they have previously used process improvement models or not. Next, it explains CERT-RMM’s Generic Goals and Practices and discusses various approaches for using the model. Short essays by a number of contributors illustrate how CERT-RMM can be applied for different purposes or can be used to improve an existing program. Finally, the book provides a complete baseline understanding of all 26 process areas included in CERT-RMM. Part One summarizes the value of a process improvement approach to managing resilience, explains CERT-RMM’s conventions and core principles, describes the model architecturally, and shows how itsupports relationships tightly linked to your objectives. Part Two focuses on using CERT-RMM to establish a foundation for sustaining operational resilience management processes in complex environments where risks rapidly emerge and change. Part Three details all 26 CERT-RMM process areas, from asset definition through vulnerability resolution. For each, complete descriptions of goals and practices are presented, with realistic examples. Part Four contains appendices, including Targeted Improvement Roadmaps, a glossary, and other reference materials. This book will be valuable to anyone seeking to improve the mission assurance of high-value services, including leaders of large enterprise or organizational units, security or business continuity specialists, managers of large IT operations, and those using methodologies such as ISO 27000, COBIT, ITIL, or CMMI.

Explains how and why hackers break into computers, steal information, and deny services to machines' legitimate users, and discusses strategies and tools used by hackers and how to

defend against them.
This guide provides a complete road-map for building, maintaining, and augmenting an information security program based on IT security best practices and standards. It provides all of the basic information needed to perform as a high-functioning information security manager or CISO / CSO. It looks at the role of the CISO, and includes the following: The CISO Skillsets, Building a Security Program from Scratch, Security Organization Models, Communications and Executive Buy-in, and Executive Reporting. It introduces the 80/20 rule for CISO's. If you are responsible for running the information security program, this guide is for you. It talks about performing risk assessments (NIST, HIPAA, PCI DSS), developing a plan of action and tactical and strategic security plans. It talks about developing security policies and procedures. It introduces the concept of security prioritization, data classification, and data protection. The overall goal is to provide you with a template that illustrates everything needed to build, maintain, or augment a security program successfully.
Enhance your organization’s secure posture by improving your attack and defense strategies 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 Description The 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 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. By the end of this book, you will be well-versed with Red Team and Blue Team techniques and will have learned the techniques used nowadays to attack and defend systems. 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.
Todd Fitzgerald, co-author of the ground-breaking (ISC)2 CISO Leadership: Essential Principles for Success, Information Security Governance Simplified: From the Boardroom to the Keyboard, co-author for the E-C Council CISO Body of Knowledge, and contributor to many others including Official (ISC)2 Guide to the CISSP CBK, COBIT 5 for Information Security, and ISACA CSX Cybersecurity Fundamental Certification, is back with this new book incorporating practical experience in leading, building, and sustaining an information security/cybersecurity program. CISO COMPASS includes personal, pragmatic perspectives and lessons learned of over 75 award-winning CISOs, security leaders, professional association leaders, and cybersecurity standard setters who have fought the tough battle. Todd has also, for the first time, adapted the McKinsey 7S framework (strategy, structure, systems, shared values, staff, skills and style) for organizational effectiveness to the practice of leading cybersecurity to structure the content to ensure comprehensive coverage by the CISO and security leaders to key issues impacting the delivery of the cybersecurity strategy and demonstrate to the Board of Directors due diligence. The insights will assist the security leader to create programs appreciated and supported by the organization, capable of industry/ peer award-winning recognition, enhance cybersecurity maturity, gain confidence by senior management, and avoid pitfalls. The book is a comprehensive, soup-to-nuts book enabling security leaders to effectively protect information assets and build award-winning programs by covering topics such as developing cybersecurity strategy, emerging trends and technologies, cybersecurity organization structure and reporting models, leveraging current incidents, security control frameworks, risk management, laws and regulations, data protection and privacy, meaningful policies and procedures, multi-generational workforce team dynamics, soft skills, and communicating with the Board of Directors and executive management. The book is valuable to current and future security leaders as a valuable resource and an integral part of any college program for information/ cybersecurity.
Ten Strategies of a World-Class Cyber Security Operations Center conveys MITRE's accumulated expertise on enterprise-grade computer network defense. It covers ten key qualities of leading Cyber Security Operations Centers (CSOCs), ranging from their structure and organization, to processes that best enable smooth operations, to approaches that extract maximum value from key CSOC technology investments. This book offers perspective and context for key decision points in structuring a CSOC, such as what capabilities to offer, how to architect large-scale data collection and analysis, and how to prepare the CSOC team for agile, threat-based response. If you manage, work in, or are standing up a CSOC, this book is for you. It is also available on MITRE's website, www.mitre.org.
Annotation Discover the skills you need to be a successful CISO in today_s changing world The role of the Chief Information Security Officer has evolved enormously in recent years in response to security threats and a challenging business environment. Instead of being primarily a master technician, today_s CISO has to be a trusted advisor to senior management. The Changing Role of the Information Security Officer The CISO has overall responsibility for corporate security strategy, but today_s CISO has to be in the business of managing information, not just securing it. The successful CISO needs to have excellent communication and presentation skills, and to demonstrate keen business acumen. The serious and ever-changing nature of today_s security threats demand a strategic-minded response, and a successful CISO will always be thinking about how to gain business objectives through enabling technology while properly managing risk. This pocket guide emphasises the importance of a suitable information security management system (ISMS) and the risk management methodolgy that should be at its heart. Read this pocket guide and _ Learn how the role of a CISO has changed. Today_s CISO must be integrated into all aspects of the business and have a full understanding of its strategy and objectives. Understand the importance of a risk management methodology. A good risk management methodology must take into account the special information security needs of the

company as well as legal and regulatory requirements. Learn how to establish a successful ISMS. The guide explains how to design and implement an ISMS that is appropriate for the organisation. It also describes the key management system processes that should be included in an ISMS. Chief Information Security Officers are bombarded with huge challenges every day, from recommending security applications to strategic thinking and business innovation. This guide describes the hard and soft skills that a successful CISO requires: not just a good knowledge of information security, but also attributes such as flexibility and communication skills.

The ultimate preparation guide for the unique CEH exam. The CEH v10: Certified Ethical Hacker Version 10 Study Guide is your ideal companion for CEH v10 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 v10 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 v10: Certified Ethical Hacker Version 10 Study Guide gives you the intense preparation you need to pass with flying colors.

The reason I decided to write this book is to show that we have to rethink how we look at security. We continue to use the same methods and the threat continues to evolve and bypass it, so we need to understand we need a paradigm shift and this book is to help you with this shift. The book takes you from the essential and fundamentals of defense required to protect our modern networks to the advanced concepts of segmentation and isolation to mitigate the risk, then we introduce you to the methods of deploying deception decoys on the network. With this book, you will learn how to flip the model. For years, we have listened to the statement "the attackers are at the advantage, because they only have to find one way in and we cannot secure every way in." This is true, but with the concepts covered in this book you can flip the model and turn the advantage to the defender, and as a result, you take control of your network! One packet is all we need to identify when they are within our network! We can control the path and route that the attackers pursue and simulate and present a replication of the required data within the sement while moving the real data to a safe location.

A must for working network and security professionals as well as anyone in IS seeking to build competence in the increasingly important field of security Written by three high-profile experts, including Eric Cole, an ex-CIA security guru who appears regularly on CNN and elsewhere in the media, and Ronald Krutz, a security pioneer who cowrote The CISSP Prep Guide and other security bestsellers Covers everything from basic security principles and practices to the latest security threats and responses, including proven methods for diagnosing network vulnerabilities and insider secrets for boosting security effectiveness

In today’s litigious business world, cyber-related matters could land you in court. As a computer security professional, you are protecting your data, but are you protecting your company? While you know industry standards and regulations, you may not be a legal expert. Fortunately, in a few hours of reading, rather than months of classroom study, Tari Schreider’s The Manager’s Guide to Cybersecurity Law: Essentials for Today’s Business, lets you integrate legal issues into your security program. Tari Schreider, a board-certified information security practitioner with a criminal justice administration background, has written a much-needed book that bridges the gap between cybersecurity programs and cybersecurity law. He says, “My nearly 40 years in the fields of cybersecurity, risk management, and disaster recovery have taught me some immutable truths. One of these truths is that failure to consider the law when developing a cybersecurity program results in a protective façade or false sense of security.” In a friendly style, offering real-world business examples from his own experience supported by a wealth of court cases, Schreider covers the range of practical information you will need as you explore – and prepare to apply – cybersecurity law. His practical, easy-to-understand explanations help you to: Understand your legal duty to act reasonably and responsibly to protect assets and information. Identify which cybersecurity laws have the potential to impact your cybersecurity program. Upgrade cybersecurity policies to comply with state, federal, and regulatory statutes. Communicate effectively about cybersecurity law with corporate legal department and counsel. Understand the implications of emerging legislation for your cybersecurity program. Know how to avoid losing a cybersecurity court case on procedure – and develop strategies to handle a dispute out of court. Develop an international view of cybersecurity and data privacy – and international legal frameworks. Schreider takes you beyond security standards and regulatory controls to ensure that your current or future cybersecurity program complies with all laws and legal jurisdictions. Hundreds of citations and references allow you to dig deeper as you explore specific topics relevant to your organization or your studies. This book needs to be required reading before your next discussion with your corporate legal department.

Secure your CISSP certification! If you’re a security professional seeking your CISSP certification, this book is a perfect way to prepare for the exam. Covering in detail all eight domains, the expert advice inside gives you the key information you'll need to pass the exam. Plus, you'll get tips on setting up a 60-day study plan, tips for exam day, and access to an online test bank of questions. CISSP For Dummies is fully updated and reorganized to reflect upcoming changes (ISC)2 has made to the Common Body of Knowledge. Complete with access to an online test bank this book is the secret weapon you need to pass the exam and gain certification. Get key information for all eight exam domains Find test-taking and exam-day tips and tricks Benefit from access to free online practice questions and flash cards Prepare for the CISSP certification in 2018 and beyond You’ve put in the time as a security professional—and now you can reach your long-term goal of CISSP certification.

"Electronics: Principles and Applications" introduces principles and applications of analog devices, circuits and systems. Like earlier editions, the Sixth Edition combines theory with real world

applications in a well-paced sequence that introduces students to such topics as semiconductors, op amps, linear integrated circuits, and switching power supplies. Its purpose is to prepare students to effectively diagnose, repair, verify, and install electronic circuits and systems. Prerequisites are a command of algebra and an understanding of fundamental electrical concepts.