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Certification

CompTIA Security+ Review Guide
Exam SY0-501, 4th Edition
James Michael Stewart

Consolidate your knowledge base with critical Security+ review
CompTIA Security+ Review Guide, Fourth Edition, is the smart candidate’s secret weapon for passing Exam SY0-501 with flying colors. You’ve worked through your study guide, but are you sure you’re prepared? This book provides tight, concise reviews of all essential topics throughout each of the exam’s six domains to help you reinforce what you know. Take the pre-assessment test to identify your weak areas while there is still time to review, and use your remaining prep time to turn weaknesses into strengths. The Sybex online learning environment gives you access to portable study aids, including electronic flashcards and a glossary of key terms, so you can review on the go. Hundreds of practice questions allow you to gauge your readiness, and give you a preview of the big day.

CompTIA CSA+ Practice Tests
Exam CS0-001
Mike Chapple & David Seidl
ISBN: 978-1-119-43320-0 • Mar 2018 • 408pp

1,000 practice questions for smart CompTIA CSA+ preparation
CompTIA CSA+ Practice Tests provides invaluable preparation for the Cybersecurity Analyst exam CS0-001. With 1,000 questions covering 100% of the exam objectives, this book offers a multitude of opportunities for the savvy CSA+ candidate. Prepare more efficiently by working through questions before you begin studying, to find out what you already know — and focus study time only on what you don’t. Test yourself periodically to gauge your progress along the way, and finish up with a ‘dry-run’ of the exam to avoid surprises on the big day. These questions are organized into four full-length tests, plus two bonus practice exams that show you what to expect and help you develop your personal test-taking strategy. Each question includes full explanations to help you understand the reasoning and approach, and reduces the chance of making the same error twice.

CompTIA Security+ Deluxe Study Guide
Exam SY0-501, 4th Edition
Emmett Dulaney

Practical, concise, and complete — the ultimate CompTIA Security+ prep
CompTIA Security+ Deluxe Study Guide, Fourth Edition is the ultimate preparation resource for Exam SY0-501. Fully updated to cover 100% of the latest exam, this book is packed with essential information on critical security concepts including architecture and design, attacks and vulnerabilities, identity and access management, cryptography and PKI, risk management, and more. Real-world examples allow you to practice your skills and apply your knowledge in situations you’ll encounter on the job, while insights from a security expert provide wisdom based on years of experience. The Sybex online learning environment allows you to study anytime, anywhere, with access to eBooks in multiple formats, glossary of key terms, flashcards, and more. Take the pre-assessment test to more efficiently focus your study time, and gauge your progress along the way with hundreds of practice questions that show you what to expect on the exam.

CompTIA Security+ Study Guide
Exam SY0-501, 7th Edition
Emmet Dulaney & Chuck Eastom

Expert preparation covering 100% of Security+ exam SY0-501 objectives
CompTIA Security+ Study Guide, Seventh Edition offers invaluable preparation for Exam SY0-501. Written by an expert author team, this book covers 100% of the exam objectives with clear, concise explanation. You’ll learn how to handle threats, attacks, and vulnerabilities using industry-standard tools and technologies, while understanding the role of architecture and design. From everyday tasks like identity and access management to complex topics like risk management and cryptography, this study guide helps you consolidate your knowledge base in preparation for the Security+ exam. Practical examples illustrate how these processes play out in real-world scenarios, allowing you to immediately translate essential concepts to on-the-job application. You also gain access to the Sybex online learning environment, which features a robust toolkit for more thorough prep: flashcards, glossary of key terms, practice questions, and a pre-assessment exam equip you with everything you need to enter the exam confident in your skill set.
Security and Privacy in Cyber-Physical Systems
Foundations, Principles and Applications
Houbing Song, Glenn A. Fink & Sabina Jeschke

Series: Wiley • ISBN: 978-1-119-22604-8 • Aug 2017 • 456pp

Written by a team of experts at the forefront of the cyber-physical systems (CPS) revolution, this book provides an in-depth look at security and privacy, two of the most critical challenges facing both the CPS research and development community and ICT professionals. It explores, in depth, the key technical, social, and legal issues at stake, and it provides readers with the information they need to advance research and development in this exciting area.

Cyber-physical systems (CPS) are engineered systems that are built from, and depend upon the seamless integration of computational algorithms and physical components. Advances in CPS will enable capability, adaptability, scalability, resiliency, safety, security, and usability far in excess of what today’s simple embedded systems can provide. Just as the Internet revolutionized the way we interact with information, CPS technology has already begun to transform the way people interact with engineered systems.

Exploring Arduino
Tools and Techniques for Engineering Wizardry, 2nd Edition
Jeremy Blum


The bestselling beginner Arduino guide, updated with new projects!
Exploring Arduino makes electrical engineering and embedded software accessible. Learn step by step everything you need to know about electrical engineering, programming, and human-computer interaction through a series of increasingly complex projects. Arduino guru Jeremy Blum walks you through each build, providing code snippets and schematics that will remain useful for future projects. Projects are accompanied by downloadable source code, tips and tricks, and video tutorials to help you master Arduino. You’ll gain the skills you need to develop your own microcontroller projects!

This new 2nd edition has been updated to cover the rapidly-expanding Arduino ecosystem, and includes new full-color graphics for easier reference.

CCNA Security Study Guide
Exam 210-260
Troy McMillan


Lay the foundation for a successful career in network security
CCNA Security Study Guide offers comprehensive review for Exam 210-260. Packed with concise explanations of core security concepts, this book is designed to help you successfully prepare for the exam. Expert instruction guides you through critical concepts relating to secure network infrastructure, access management, VPN encryption, Firewalls, intrusion prevention and more, with complete coverage of the CCNA exam objectives. Practical examples allow you to apply your skills in real-world scenarios, helping you transition effectively from ‘learning’ to ‘doing’. You also get access to the Sybex online learning environment, featuring the tools you need to maximize your study time: key terminology and flash cards allow you to study anytime, anywhere, while chapter tests and practice exams help you track your progress and gauge your readiness along the way.

Windows Security Monitoring
Scenarios and Patterns
Andrei Miroshnikov

ISBN: 978-1-119-39064-0 • Jan 2018 • 600pp

Go deep into Windows security tools to implement more robust protocols and processes
Windows Security Monitoring goes beyond Windows admin and security certification guides to provide in-depth information for security professionals. Written by a Microsoft security program manager, DEFCON organizer and CISSP, this book digs deep into the underused tools that help you keep Windows systems secure. Expert guidance brings you up to speed on Windows auditing, logging, and event systems to help you exploit the full capabilities of these powerful native tools, while scenario-based instruction provides clear illustration of how these events unfold in the real world. From security monitoring and event detection to incident response procedures and best practices, this book provides detailed information on all of the security tools your Windows System has to offer.
**Professional C++**

4th Edition

Marc Gregoire


Get up to date quickly on the big changes coming with C++17

*Professional C++* is the advanced manual for C++ programming. Designed to help experienced developers get more out of the latest release, this book skims over the basics and dives right in to exploiting the full capabilities of C++17. Each feature is explained by example, each including actual code snippets that you can plug into your own applications. Case studies include extensive, working code that has been tested on Windows, Linux, and Solaris, and the author's expert tips, tricks, and workarounds can dramatically enhance your workflow. Even many experienced developers have never fully explored the boundaries of the language's capabilities; this book reveals the advanced features you never knew about, and drills down to show you how to turn these features into real-world solutions.

**Professional JavaScript for Web Developers**

4th Edition

Matt Frisbie & Nicholas C. Zakas


Update your skill set for ES 6 and 7 with the ultimate JavaScript guide for pros

*Professional JavaScript for Web Developers* is the essential guide to next-level JavaScript development. Written for intermediate-to-advanced programmers, this book jumps right into the technical details to help you clean up your code and become a more sophisticated JavaScript developer. From JavaScript-specific object-oriented programming and inheritance, to combining JavaScript with HTML and other markup languages, expert instruction walks you through the fundamentals and beyond. This new fourth edition has been updated to cover ECMAScript 6 and 7 (also known as ES2015 and ES2016) and the major re-imagination and departure from ES 5.1; new frameworks and libraries, new techniques, new testing tools, and more are explained in detail for the professional developer, with a practical focus that helps you put your new skills to work on real-world projects.

**Software Quality Concepts and Practice**

Daniel Galin

ISBN: 978-1-119-13449-7 • Jan 2018 • 500pp

The book presents a comprehensive discussion on software quality issues and software quality assurance (SQA) principles and practices, and lays special emphasis on implementing and managing SQA. Primarily designed to serve three audiences; universities and college students, vocational training participants, and software engineers and software development managers, the book may be applicable to all personnel engaged in a software projects. Features:

- A broad view of SQA. The book delves into SQA issues, going beyond the classic boundaries of custom-made software development to also cover in-house software development, subcontractors, and readymade software
- An up-to-date wide-range coverage of SQA and SQA related topics. Providing comprehensive coverage on multifarious SQA subjects, including topics, hardly explored till in SQA texts
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