

# Sun Certified Programmer For Java 2 Study Guide Syngress Media Inc

**Sun Certified Programmer For Java 2 Study Guide Syngress Media Inc** Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has been apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Sun Certified Programmer For Java 2 Study Guide Syngress Media Inc**," compiled by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we will delve to the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

**RFID Security** Frank Thornton 2006-05-25 RFID is a method of remotely storing and receiving data using devices called RFID tags. RFID tags can be small adhesive stickers containing antennas that receive and respond to transmissions from RFID transmitters. RFID tags are used to identify and track everything from food, dogs, beer kegs to library books. RFID tags use a standard that has already been hacked by several researchers. RFID Security discusses the motives for someone wanting to hack an RFID system and shows how to protect systems. Coverage includes: security breaches for monetary gain (hacking a shop's RFID system would allow a hacker to lower the pricing on any product products). How to protect the supply chain (malicious/mischievous hackers can delete/alter/modify all identifying information for an entire shipment of products). How to protect personal privacy (privacy advocates fear that RFID tags embedded in products, which continue to transmit information after leaving a store, will be used to track consumer habits). The purpose of an RFID system is to enable data to be transmitted by a portable device, called a tag, which is read by an RFID reader and processed according to the needs of a particular application. The data transmitted by the tag may provide identification or location information, or specifics about the product tagged, such as price, colour, date of purchase, etc. . \* Deloitte & Touche expects over 10 billion RFID tags to be in circulation by the end of 2005 \* Parties debating the security issue of RFID need information on the pros and cons of the technology and this is that information \* Little competition in a market desperate for information

**Cassandra: The Definitive Guide** Jeff Carpenter 2016-06-29 Imagine what you could do if scalability wasn't a problem. With this hands-on guide, you'll learn how the Cassandra database management system handles hundreds of terabytes of data while remaining highly available across multiple data centers. This expanded second edition—updated for Cassandra 3.0—provides the technical details and practical examples you need to put this database to work in a production environment. Authors Jeff Carpenter and Eben Hewitt demonstrate the advantages of Cassandra's non-relational design, with special attention to data modeling. If you're a developer, DBA, or application architect looking to solve a database scaling issue or future-proof your application, this guide helps you harness Cassandra's speed and flexibility. Understand Cassandra's distributed and decentralized structure Use the Cassandra Query Language (CQL) and cqlsh—the CQL shell Create a working data model and compare it with an equivalent relational model Develop sample applications using client drivers for languages including Java, Python, and Node.js Explore cluster topology and learn how nodes exchange data Maintain a high level of performance in your cluster Deploy Cassandra on site, in the Cloud, or with Docker Integrate Cassandra with Spark, Hadoop, Elasticsearch, Solr, and Lucene **Flask Web Development** Miguel Grinberg 2018-03-05 Take full creative control of your web applications with Flask, the Python-based microframework. With the second edition of this hands-on book, you'll learn the framework from the ground up by developing, step-by-step, a real-world project created by author Miguel Grinberg. This refreshed edition accounts for important technology changes that have occurred in the past three years. You'll learn the framework's core functionality, as well as how to extend applications with advanced web techniques such as database migration and web service communication. The first part of each chapter provides you with reference and background for the topic in question, while the second part guides you through a hands-on implementation of the topic. If you have Python experience, this book shows you how to take advantage of the creative freedom Flask provides. **Jenkins 2: Up and Running** Brent Laster 2018-05-02 Design, implement, and execute continuous delivery pipelines with a level of

flexibility, control, and ease of maintenance that was not possible with Jenkins before. With this practical book, build administrators, developers, testers, and other professionals will learn how the features in Jenkins 2 let you define pipelines as code, leverage integration with other key technologies, and create automated, reliable pipelines to simplify and accelerate your DevOps environments. Author Brent Laster shows you how Jenkins 2 is significantly different from the more traditional, web-only versions of this popular open source automation platform. If you're familiar with Jenkins and want to take advantage of the new technologies to transform your legacy pipelines or build new modern, automated continuous delivery environments, this is your book. Create continuous delivery pipelines as code with the Jenkins domain-specific language Get practical guidance on how to migrate existing jobs and pipelines Harness best practices and new methods for controlling access and security Explore the structure, implementation, and use of shared pipeline libraries Learn the differences between declarative syntax and scripted syntax Leverage new and existing project types in Jenkins Understand and use the new Blue Ocean graphical interface Take advantage of the capabilities of the underlying OS in your pipeline Integrate analysis tools, artifact management, and containers **CCNA Cyber Ops SECFND #210-250 Official Cert Guide** Omar Santos 2017-04-04 This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. Learn, prepare, and practice for CCNA Cyber Ops SECFND 210-250 exam success with this Cert Guide from Pearson IT Certification, a leader in IT Certification learning. Master CCNA Cyber Ops SECFND 210-250 exam topics Assess your knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks CCNA Cyber Ops SECFND 210-250 Official Cert Guide is a best-of-breed exam study guide. Cisco enterprise security experts Omar Santos, Joseph Muniz, and Stefano De Crescenzo share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. Well-regarded for its level of detail, assessment features, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will allow you to succeed on the exam the first time. The study guide helps you master all the topics on the CCNA Cyber Ops SECFND exam, including: Fundamentals of networking protocols and networking device types Network security devices and cloud services Security principles Access control models Security management concepts and techniques Fundamentals of cryptography and PKI Essentials of Virtual Private Networks (VPNs) Windows-based Analysis Linux /MAC OS X-based Analysis Endpoint security technologies Network and host telemetry Security monitoring operations and challenges Types of attacks and vulnerabilities Security evasion techniques **C#.Net Developer's Guide** Adrian Turttschi 2002-01-12 Microsoft's C# ("C sharp") is a modern, object-oriented programming language built from the ground up to exploit the power of XML-based Web services on Microsoft's new .NET platform. With its Visual C++ development system heritage, C# will enable millions of C and C++ developers to use existing skills to rapidly build sophisticated XML-based .NET applications. Why Will Web Developers Switch to C#? ...Because it's the ideal solution for C and C++ programmers who need to combine rapid development with the

power to access all the functionality of the Microsoft.NET platform. They want an environment that is completely in sync with emerging Web standards and one that provides easy integration with existing applications. *C#.net Web Developer's Guide* will enhance developer productivity and help them eliminate programming errors that can lead to increased development costs. This book teaches Web developers to quickly and easily build solutions for the Microsoft .NET platform. Web developers will learn to use C# components to build Web services and applications that are available across the Internet, from any application running on any platform. \* Timely coverage of newly released product - programmers and developers are anxious to learn about the new technology \* Comes with Syngress' revolutionary wallet-sized CD containing a printable HTML version of the book and all of the source code examples and demos of popular C# upgrade and programming tools

*Cloud Computing* Rajkumar Buyya 2010-12-17 The primary purpose of this book is to capture the state-of-the-art in Cloud Computing technologies and applications. The book will also aim to identify potential research directions and technologies that will facilitate creation a global market-place of cloud computing services supporting scientific, industrial, business, and consumer applications. We expect the book to serve as a reference for larger audience such as systems architects, practitioners, developers, new researchers and graduate level students. This area of research is relatively recent, and as such has no existing reference book that addresses it. This book will be a timely contribution to a field that is gaining considerable research interest, momentum, and is expected to be of increasing interest to commercial developers. The book is targeted for professional computer science developers and graduate students especially at Masters level. As Cloud Computing is recognized as one of the top five emerging technologies that will have a major impact on the quality of science and society over the next 20 years, its knowledge will help position our readers at the forefront of the field.

*Windows Registry Forensics* Harlan Carvey 2011-01-03 Windows Registry Forensics provides the background of the Windows Registry to help develop an understanding of the binary structure of Registry hive files. Approaches to live response and analysis are included, and tools and techniques for postmortem analysis are discussed at length. Tools and techniques are presented that take the student and analyst beyond the current use of viewers and into real analysis of data contained in the Registry, demonstrating the forensic value of the Registry. Named a 2011 Best Digital Forensics Book by InfoSec Reviews, this book is packed with real-world examples using freely available open source tools. It also includes case studies and a CD containing code and author-created tools discussed in the book. This book will appeal to computer forensic and incident response professionals, including federal government and commercial/private sector contractors, consultants, etc. Named a 2011 Best Digital Forensics Book by InfoSec Reviews Packed with real-world examples using freely available open source tools Deep explanation and understanding of the Windows Registry - the most difficult part of Windows to analyze forensically Includes a CD containing code and author-created tools discussed in the book

*CISSP Study Guide* Eric Conrad 2015-12-08 CISSP Study Guide, Third Edition provides readers with information on the CISSP certification, the most prestigious, globally-recognized, vendor-neutral exam for information security professionals. With over 100,000 professionals certified worldwide, and many more joining their ranks, this new third edition presents everything a reader needs to know on the newest version of the exam's Common Body of Knowledge. The eight domains are covered completely and as concisely as possible, allowing users to ace the exam. Each domain has its own chapter that includes a specially-designed pedagogy to help users pass the exam, including clearly-stated exam objectives, unique terms and definitions, exam warnings, "learning by example" modules, hands-on exercises, and chapter ending questions. Provides the most complete and effective study guide to prepare users for passing the CISSP exam, giving them exactly what they need to pass the test Authored by Eric Conrad who has prepared hundreds of professionals for passing the CISSP exam through SANS, a popular and well-known organization for information security professionals Covers all of the new information in the Common Body of Knowledge updated in January 2015, and also provides two exams, tiered end-of-chapter questions for a gradual learning curve, and a complete self-test appendix

**Sun Certified Programmer for Java 2 Study Guide** Syngress Media, Inc 2001 The most complete "Sun Certified Programmer for Java" computer-based and book training package available. 100% complete coverage of all official Sun exam objectives. This edition features complete coverage of all new "Sun Certified Programmer for Java" exam

objectives. Key features include: Over 250 challenging practice exam questions; and the new CertTrainer and ExamSim CBT software on CD.

**React Native Cookbook** Jonathan Lebensold 2018-02-13 Tackling an app development project on multiple platforms is no simple task. When time is in short supply and customers need access from the tap of a home screen, React Native can provide a lean development team with the tools needed to deliver a multi-platform native experience without juggling multiple programming languages and shifting code bases. React Native is an emerging technology and best practices are only beginning to bubble up. Fortunately, a growing user community—from tech giants such as Facebook, Yahoo, and Airbnb to the independent developers—is hard at work codifying patterns and best practices for how to use React Native. This cookbook is another milestone on that journey. Aimed at people with some JavaScript and web development experience, the first part of this cookbook covers some simple tips for getting started with React Native. Part 2 will cover some emerging patterns that are commonly found in most native applications.

Forthcoming Books Rose Arny 2002

*IT Ethics Handbook*: Stephen Northcutt 2004-06-11 The target audience for this book is any IT professional responsible for designing, configuring, deploying or managing information systems. This audience understands that the purpose of ethics in information security is not just morally important; it equals the survival of their business. A perfect example of this is Enron. Enron's ultimate failure due to a glitch in the ethics systems of the business created the most infamous example of an ethics corporate breakdown resulting in disaster. Ethics is no longer a matter of morals anymore when it comes to information security; it is also a matter of success or failure for big business. \* This groundbreaking book takes on the difficult ethical issues that IT professional confront every day. \* The book provides clear guidelines that can be readily translated into policies and procedures. \* This is not a text book. Rather, it provides specific guidelines to System Administrators, Security Consultants and Programmers on how to apply ethical standards to day-to-day operations.

*C# For Java Programmers* Harold Cabrera 2002-06-26 Java Programmers, Preprare for Microsoft's .NET initiative while enhancing your repertoire and marketability with C# for Java Programmers! C# for Java Programmers will prepare readers for the .NET framework by building on what they already know about object-oriented languages and give them the means to maintain their flexibility and effectiveness in an un-certain marketplace. This book will compare and contrast the advantages and disadvantages of both Java and C# to allow programmers to make their own decisions regarding what each language is best used for. Whatever your feelings are about Microsoft and its .NET initiative, there can be no denying that C# is here to stay. The C# language, a close cousin to Java, is a new object-oriented programming language (OOPL) designed to work within the .NET framework. It improves upon many of the vague or ill-defined areas of C++ that frequently lead programmers into trouble. C# is a strongly-typed, object-oriented language designed to give the optimum blend of simplicity, expressiveness, and performance. Written specifically for Java programmers. C# for Java Programmers is not an introductory guide to C#, but builds on what Java programmers already know about object-oriented languages to give them an efficient means for making in-roads to the .NET framework. Compare and Contrast. This book will compare and contrast many of the advantages and drawbacks of Java and C# to allow programmers to make informed, intelligent decisions based on the unique uses of each language.

**XSS Attacks** Seth Fogie 2011-04-18 A cross site scripting attack is a very specific type of attack on a web application. It is used by hackers to mimic real sites and fool people into providing personal data. XSS Attacks starts by defining the terms and laying out the ground work. It assumes that the reader is familiar with basic web programming (HTML) and JavaScript. First it discusses the concepts, methodology, and technology that makes XSS a valid concern. It then moves into the various types of XSS attacks, how they are implemented, used, and abused. After XSS is thoroughly explored, the next part provides examples of XSS malware and demonstrates real cases where XSS is a dangerous risk that exposes internet users to remote access, sensitive data theft, and monetary losses. Finally, the book closes by examining the ways developers can avoid XSS vulnerabilities in their web applications, and how users can avoid becoming a victim. The audience is web developers, security practitioners, and managers. XSS Vulnerabilities exist in 8 out of 10 Web sites The authors of this book are the undisputed industry leading authorities Contains independent,

bleeding edge research, code listings and exploits that can not be found anywhere else

**Learning React** Alex Banks 2017-04-27 If you want to learn how to build efficient user interfaces with React, this is your book. Authors Alex Banks and Eve Porcello show you how to create UIs with this small JavaScript library that can deftly display data changes on large-scale, data-driven websites without page reloads. Along the way, you'll learn how to work with functional programming and the latest ECMAScript features. Developed by Facebook, and used by companies including Netflix, Walmart, and The New York Times for large parts of their web interfaces, React is quickly growing in use. By learning how to build React components with this hands-on guide, you'll fully understand how useful React can be in your organization. Learn key functional programming concepts with JavaScript Peek under the hood to understand how React runs in the browser Create application presentation layers by mounting and composing React components Use component trees to manage data and reduce the time you spend debugging applications Explore React's component lifecycle and use it to load data and improve UI performance Use a routing solution for browser history, bookmarks, and other features of single-page applications Learn how to structure React applications with servers in mind

American Book Publishing Record 2002

Java Network Programming Elliotte Rusty Harold 2000 A guide to developing network programs covers networking fundamentals as well as TCP and UDP sockets, multicasting protocol, content handlers, servlets, I/O, parsing, Java Mail API, and Java Secure Sockets Extension.

Learning PHP, MySQL, JavaScript, and CSS Robin Nixon 2012-08-27

Learn how to build interactive, data-driven websites—even if you don't have any previous programming experience. If you know how to build static sites with HTML, this popular guide will help you tackle dynamic web programming. You'll get a thorough grounding in today's core open source technologies: PHP, MySQL, JavaScript, and CSS. Explore each technology separately, learn how to combine them, and pick up valuable web programming concepts along the way, including objects, XHTML, cookies, and session management. This book provides review questions in each chapter to help you apply what you've learned. Learn PHP essentials and the basics of object-oriented programming Master MySQL, from database structure to complex queries Create web pages with PHP and MySQL by integrating forms and other HTML features Learn JavaScript fundamentals, from functions and event handling to accessing the Document Object Model Pick up CSS basics for formatting and styling your web pages Turn your website into a highly dynamic environment with Ajax calls Upload and manipulate files and images, validate user input, and secure your applications Explore a working example that brings all of the ingredients together

HADOOP TOM. WHITE 2015

**Eleventh Hour CISSP** Eric Conrad 2013-10-16 Eleventh Hour CISSP provides you with a study guide keyed directly to the most current version of the CISSP exam. This book is streamlined to include only core certification information and is presented for ease of last minute studying. Main objectives of the exam are covered concisely with key concepts highlighted. The CISSP certification is the most prestigious, globally recognized, vendor neutral exam for information security professionals. Over 67,000 professionals are certified worldwide with many more joining their ranks. This new Second Edition is aligned to cover all of the material in the most current version of the exam's Common Body of Knowledge. All 10 domains are covered as completely and as concisely as possible, giving you the best possible chance of acing the exam. All-new Second Edition updated for the most current version of the exam's Common Body of Knowledge The only guide you need for last minute studying Answers the toughest questions and highlights core topics No fluff - streamlined for maximum efficiency of study - perfect for professionals who are updating their certification or taking the test for the first time

**Botnets** Craig Schiller 2011-04-18 The book begins with real world cases of botnet attacks to underscore the need for action. Next the book will explain botnet fundamentals using real world examples. These chapters will cover what they are, how they operate, and the environment and technology that makes them possible. The following chapters will analyze botnets for opportunities to detect, track, and remove them. Then the book will describe intelligence gathering efforts and results obtained to date. Public domain tools like OurMon, developed by Jim Binkley of Portland State University, will be described in detail along with discussions of other tools and resources that are useful in the

fight against Botnets. This is the first book to explain the newest internet threat - Botnets, zombie armies, bot herders, what is being done, and what you can do to protect your enterprise Botnets are the most complicated and difficult threat the hacker world has unleashed - read how to protect yourself

**Learning PHP, MySQL & JavaScript** Robin Nixon 2018-05-09 Build interactive, data-driven websites with the potent combination of open source technologies and web standards, even if you have only basic HTML knowledge. In this update to this popular hands-on guide, you'll tackle dynamic web programming with the latest versions of today's core technologies: PHP, MySQL, JavaScript, CSS, HTML5, and key jQuery libraries. Web designers will learn how to use these technologies together and pick up valuable web programming practices along the way—including how to optimize websites for mobile devices. At the end of the book, you'll put everything together to build a fully functional social networking site suitable for both desktop and mobile browsers. Explore MySQL, from database structure to complex queries Use the MySQLi extension, PHP's improved MySQL interface Create dynamic PHP web pages that tailor themselves to the user Manage cookies and sessions and maintain a high level of security Enhance the JavaScript language with jQuery and jQuery mobile libraries Use Ajax calls for background browser-server communication Style your web pages by acquiring CSS2 and CSS3 skills Implement HTML5 features, including geolocation, audio, video, and the canvas element Reformat your websites into mobile web apps

SQL Injection Attacks and Defense Justin Clarke 2012-06-18 What is SQL injection? -- Testing for SQL injection -- Reviewing code for SQL injection -- Exploiting SQL injection -- Blind SQL injection exploitation -- Exploiting the operating system -- Advanced topics -- Code-level defenses -- Platform level defenses -- Confirming and recovering from SQL injection attacks -- References.

Hadoop: The Definitive Guide Tom White 2012-05-10 Ready to unlock the power of your data? With this comprehensive guide, you'll learn how to build and maintain reliable, scalable, distributed systems with Apache Hadoop. This book is ideal for programmers looking to analyze datasets of any size, and for administrators who want to set up and run Hadoop clusters. You'll find illuminating case studies that demonstrate how Hadoop is used to solve specific problems. This third edition covers recent changes to Hadoop, including material on the new MapReduce API, as well as MapReduce 2 and its more flexible execution model (YARN). Store large datasets with the Hadoop Distributed File System (HDFS) Run distributed computations with MapReduce Use Hadoop's data and I/O building blocks for compression, data integrity, serialization (including Avro), and persistence Discover common pitfalls and advanced features for writing real-world MapReduce programs Design, build, and administer a dedicated Hadoop cluster—or run Hadoop in the cloud Load data from relational databases into HDFS, using Sqoop Perform large-scale data processing with the Pig query language Analyze datasets with Hive, Hadoop's data warehousing system Take advantage of HBase for structured and semi-structured data, and ZooKeeper for building distributed systems

**Foundations of Security** Christoph Kern 2007-05-11 Software developers need to worry about security as never before. They need clear guidance on safe coding practices, and that's exactly what this book delivers. The book does not delve deep into theory, or rant about the politics of security. Instead, it clearly and simply lays out the most common threats that programmers need to defend against. It then shows programmers how to make their defense. The book takes a broad focus, ranging over SQL injection, worms and buffer overflows, password security, and more. It sets programmers on the path towards successfully defending against the entire gamut of security threats that they might face.

**Java 8 Pocket Guide** Robert Liguori 2014-04-08 When you need quick answers for developing or debugging Java programs, this pocket guide provides a handy reference to standard features of the Java programming language and its platform. You'll find helpful programming examples, tables, figures, and lists, as well as Java 8 features such as Lambda Expressions and the Date and Time API. It's an ideal companion, whether you're in the office, in the lab, or on the road. This book also provides material to help you prepare for the Oracle Certified Associate Java Programmer exam. Quickly find Java language details, such as naming conventions, types, statements and blocks, and object-oriented programming Get details on the Java SE platform, including development basics, memory management, concurrency, and generics Browse through information on basic input/output, NIO 2.0, the Java collections

framework, and the Java Scripting API Get supplemental references to fluent APIs, third-party tools, and basics of the Unified Modeling Language (UML)

**Using Docker** Adrian Mouat 2015-12-09 Docker containers offer simpler, faster, and more robust methods for developing, distributing, and running software than previously available. With this hands-on guide, you'll learn why containers are so important, what you'll gain by adopting Docker, and how to make it part of your development process. Ideal for developers, operations engineers, and system administrators—especially those keen to embrace a DevOps approach—Using Docker will take you from Docker and container basics to running dozens of containers on a multi-host system with networking and scheduling. The core of the book walks you through the steps needed to develop, test, and deploy a web application with Docker. Get started with Docker by building and deploying a simple web application Use Continuous Deployment techniques to push your application to production multiple times a day Learn various options and techniques for logging and monitoring multiple containers Examine networking and service discovery: how do containers find each other and how do you connect them? Orchestrate and cluster containers to address load-balancing, scaling, failover, and scheduling Secure your system by following the principles of defense-in-depth and least privilege

**The Basics of Hacking and Penetration Testing** Patrick Engebretson 2013-06-24 The Basics of Hacking and Penetration Testing, Second Edition, serves as an introduction to the steps required to complete a penetration test or perform an ethical hack from beginning to end. The book teaches students how to properly utilize and interpret the results of the modern-day hacking tools required to complete a penetration test. It provides a simple and clean explanation of how to effectively utilize these tools, along with a four-step methodology for conducting a penetration test or hack, thus equipping students with the know-how required to jump start their careers and gain a better understanding of offensive security. Each chapter contains hands-on examples and exercises that are designed to teach learners how to interpret results and utilize those results in later phases. Tool coverage includes: Backtrack Linux, Google reconnaissance, MetaGooFil, dig, Nmap, Nessus, Metasploit, Fast Track Autopwn, Netcat, and Hacker Defender rootkit. This is complemented by PowerPoint slides for use in class. This book is an ideal resource for security consultants, beginning InfoSec professionals, and students. Each chapter contains hands-on examples and exercises that are designed to teach you how to interpret the results and utilize those results in later phases. Written by an author who works in the field as a Penetration Tester and who teaches Offensive Security, Penetration Testing, and Ethical Hacking, and Exploitation classes at Dakota State University. Utilizes the Kali Linux distribution and focuses on the seminal tools required to complete a penetration test.

**Windows Forensic Analysis DVD Toolkit** Harlan Carvey 2018-04-22 Windows Forensic Analysis DVD Toolkit, 2nd Edition, is a completely updated and expanded version of Harlan Carvey's best-selling forensics book on incident response and investigating cybercrime on Windows systems. With this book, you will learn how to analyze data during live and post-mortem investigations. New to this edition is Forensic Analysis on a Budget, which collects freely available tools that are essential for small labs, state (or below) law enforcement, and educational organizations. The book also includes new pedagogical elements, Lessons from the Field, Case Studies, and War Stories that present real-life experiences by an expert in the trenches, making the material real and showing the why behind the how. The companion DVD contains significant, and unique, materials (movies, spreadsheet, code, etc.) not available anywhere else because they were created by the author. This book will appeal to digital forensic investigators, IT security professionals, engineers, and system administrators as well as students and consultants. Best-Selling Windows Digital Forensic book completely updated in this 2nd Edition Learn how to Analyze Data During Live and Post-Mortem Investigations DVD Includes Custom Tools, Updated Code, Movies, and Spreadsheets!

**Sun Certified Programmer for Java 2** Syngress Media, Inc 2000 This ultimate study guide for the Sun Java 2 certification, based on 100,000 hours of networking training experience, provides accurate coverage of all official certification objectives. The electronic version of the text on CD includes hundreds of challenging practice exam questions. Also featured are two-minute drills, exam watch, and classroom discussions.

**Learning Kali Linux** Ric Messier 2018-07-17 With more than 600 security tools in its arsenal, the Kali Linux distribution can be overwhelming. Experienced and aspiring security professionals alike may find it

challenging to select the most appropriate tool for conducting a given test. This practical book covers Kali's expansive security capabilities and helps you identify the tools you need to conduct a wide range of security tests and penetration tests. You'll also explore the vulnerabilities that make those tests necessary. Author Ric Messier takes you through the foundations of Kali Linux and explains methods for conducting tests on networks, web applications, wireless security, password vulnerability, and more. You'll discover different techniques for extending Kali tools and creating your own toolset. Learn tools for stress testing network stacks and applications Perform network reconnaissance to determine what's available to attackers Execute penetration tests using automated exploit tools such as Metasploit Use cracking tools to see if passwords meet complexity requirements Test wireless capabilities by injecting frames and cracking passwords Assess web application vulnerabilities with automated or proxy-based tools Create advanced attack techniques by extending Kali tools or developing your own Use Kali Linux to generate reports once testing is complete

**Mastering Ethereum** Andreas M. Antonopoulos 2018-11-13 Ethereum represents the gateway to a worldwide, decentralized computing paradigm. This platform enables you to run decentralized applications (DApps) and smart contracts that have no central points of failure or control, integrate with a payment network, and operate on an open blockchain. With this practical guide, Andreas M. Antonopoulos and Gavin Wood provide everything you need to know about building smart contracts and DApps on Ethereum and other virtual-machine blockchains. Discover why IBM, Microsoft, NASDAQ, and hundreds of other organizations are experimenting with Ethereum. This essential guide shows you how to develop the skills necessary to be an innovator in this growing and exciting new industry. Run an Ethereum client, create and transmit basic transactions, and program smart contracts Learn the essentials of public key cryptography, hashes, and digital signatures Understand how "wallets" hold digital keys that control funds and smart contracts Interact with Ethereum clients programmatically using JavaScript libraries and Remote Procedure Call interfaces Learn security best practices, design patterns, and anti-patterns with real-world examples Create tokens that represent assets, shares, votes, or access control rights Build decentralized applications using multiple peer-to-peer (P2P) components

**Web Scraping with Python** Ryan Mitchell 2015-06-15 Learn web scraping and crawling techniques to access unlimited data from any web source in any format. With this practical guide, you'll learn how to use Python scripts and web APIs to gather and process data from thousands—or even millions—of web pages at once. Ideal for programmers, security professionals, and web administrators familiar with Python, this book not only teaches basic web scraping mechanics, but also delves into more advanced topics, such as analyzing raw data or using scrapers for frontend website testing. Code samples are available to help you understand the concepts in practice. Learn how to parse complicated HTML pages Traverse multiple pages and sites Get a general overview of APIs and how they work Learn several methods for storing the data you scrape Download, read, and extract data from documents Use tools and techniques to clean badly formatted data Read and write natural languages Crawl through forms and logins Understand how to scrape JavaScript Learn image processing and text recognition

**Building the Agile Enterprise** Fred A. Cummins 2010-07-28 In the last ten years IT has brought fundamental changes to the way the world works. Not only has it increased the speed of operations and communications, but it has also undermined basic assumptions of traditional business models and increased the number of variables. Today, the survival of major corporations is challenged by a world-wide marketplace, international operations, outsourcing, global communities, a changing workforce, security threats, business continuity, web visibility, and customer expectations. Enterprises must constantly adapt or they will be unable to compete. Fred Cummins, an EDS Fellow, presents IT as a key enabler of the agile enterprise. He demonstrates how the convergence of key technologies—including SOA, BPM and emerging enterprise and data models—can be harnessed to transform the enterprise. Cummins mines his 25 years experience to provide IT leaders, as well as enterprise architects and management consultants, with the critical information, skills, and insights they need to partner with management and redesign the enterprise for continuous change. No other book puts IT at the center of this transformation, nor integrates these technologies for this purpose. Shows how to integrate and deploy critical technologies to foster agility Details how to design an enterprise architecture that takes full advantage of SOA, BPM, business rules,

enterprise information management, business models, and governance Outlines IT's critical mission in providing an integration infrastructure and key services, while optimizing technology adoption throughout the enterprise Illustrates concepts with examples and cases from large and small commercial enterprises Shows how to create systems that recognize and respond to the need for change Identifies the unique security issues that arise with SOA and shows how to deploy a framework of technologies and processes that address them

**Java Concurrency in Practice** Tim Peierls 2006-05-09 Threads are a fundamental part of the Java platform. As multicore processors become the norm, using concurrency effectively becomes essential for building high-performance applications. Java SE 5 and 6 are a huge step forward for the development of concurrent applications, with improvements to the Java Virtual Machine to support high-performance, highly scalable concurrent classes and a rich set of new concurrency building blocks. In *Java Concurrency in Practice*, the creators of these new facilities explain not only how they work and how to use them, but also the motivation and design patterns behind them. However, developing, testing, and debugging multithreaded programs can still be very difficult; it is all too easy to create concurrent programs that appear to work, but fail when it matters most: in production, under heavy load. *Java Concurrency in Practice* arms readers with both the theoretical underpinnings and concrete techniques for building reliable, scalable, maintainable concurrent applications. Rather than simply offering an inventory of concurrency APIs and mechanisms, it provides design rules, patterns, and mental models that make it easier to build concurrent programs that are both correct and performant. This book covers: Basic concepts of concurrency and thread safety Techniques for building and composing thread-safe classes Using the concurrency building blocks in `java.util.concurrent` Performance optimization dos and don'ts Testing concurrent programs Advanced topics such as atomic variables, nonblocking algorithms, and the Java Memory Model

**Python for Data Analysis** Wes McKinney 2017-09-25 Get complete instructions for manipulating, processing, cleaning, and crunching datasets in Python. Updated for Python 3.6, the second edition of this hands-on guide is packed with practical case studies that show you how to solve a broad set of data analysis problems effectively. You'll learn the latest versions of pandas, NumPy, IPython, and Jupyter in the process. Written by Wes McKinney, the creator of the Python pandas project, this book is a practical, modern introduction to data science tools in Python. It's ideal for analysts new to Python and for Python programmers new to data science and scientific computing. Data files and related material are available on GitHub. Use the IPython shell and Jupyter notebook for exploratory computing Learn basic and advanced features in NumPy (Numerical Python) Get started with data analysis tools in the pandas library Use flexible tools to load, clean, transform, merge, and reshape data Create informative visualizations with matplotlib Apply the pandas `groupby` facility to slice, dice, and summarize datasets Analyze and manipulate regular and irregular time series data Learn how to solve real-world data analysis problems with thorough, detailed examples

**Cyber Operations** Mike O'Leary 2015-10-23 *Cyber Operations* walks you through all the processes to set up, defend, and attack computer networks. This book focuses on networks and real attacks, offers extensive coverage of offensive and defensive techniques, and is supported by a rich collection of exercises and resources. You'll learn how to configure your network from the ground up, starting by setting up your virtual test environment with basics like DNS and active directory, through common network services, and ending with complex web applications involving web servers and backend databases. Key defensive techniques are integrated throughout the exposition. You will develop situational awareness of your network and will 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 beginning with elementary attacks against browsers and culminating with a case study of the compromise of a defended e-commerce site. The author, who has coached his university's cyber defense team three times to the finals of the National Collegiate Cyber Defense Competition, provides a practical, hands-on approach to cyber security.

**Android Hacker's Handbook** Joshua J. Drake 2014-03-26 The first comprehensive guide to discovering and preventing attacks on the Android OS As the Android operating system continues to increase its share of the smartphone market, smartphone hacking remains a growing threat. Written by experts who rank among the world's

foremost Android security researchers, this book presents vulnerability discovery, analysis, and exploitation tools for the good guys. Following a detailed explanation of how the Android OS works and its overall security architecture, the authors examine how vulnerabilities can be discovered and exploits developed for various system components, preparing you to defend against them. If you are a mobile device administrator, security researcher, Android app developer, or consultant responsible for evaluating Android security, you will find this guide is essential to your toolbox. A crack team of leading Android security researchers explain Android security risks, security design and architecture, rooting, fuzz testing, and vulnerability analysis Covers Android application building blocks and security as well as debugging and auditing Android apps Prepares mobile device administrators, security researchers, Android app developers, and security consultants to defend Android systems against attack *Android Hacker's Handbook* is the first comprehensive resource for IT professionals charged with smartphone security.

**ASP.Net Web Developer's Guide** Syngress 2002-01-02 *ASP.Net Web Developer's Guide* provides information to make use of Microsoft's newest Web development platform. ASP.NET is a revolutionary programming framework that enables the rapid development of powerful web applications and services. Part of the emerging Microsoft .NET Platform, it provides the easiest and most scalable way to build, deploy and run distributed web applications that can target any browser or device. ASP.NET (formerly referred to as ASP+) is more than the next version of Active Server Pages (ASP); it is a unified Web development platform that provides the services necessary for developers to build enterprise-class Web applications. *ASP .net Web Developer's Guide* assists Web developers to quickly and easily build solutions for the Microsoft .NET platform. Programmers who are expert in asp and other languages will find this book invaluable. This book will appeal to all web developers - regardless of what language they are using or what platform they will be using. Comprehensive Coverage of the Entire .net Framework for B2B commerce.

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