



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

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

**Getting Started with Sun ONE** Stacy Thurston 2003 A step-by-step guide to delivering high-value solutions, Getting Started with Sun ONE covers planning, designing, configuring, integrating, and implementing Sun ONE Internet infrastructures. Drawing on his first-hand experience supporting Sun ONE customers, Thurston describes the Sun ONE Application Server, Directory Server, and Web Server, and provides expert guidance on building business applications with Sun ONE Studio 4. Book jacket.

**Network Design** Teresa C. Piliouras 2004-12-28 There are hundreds of technologies and protocols used in telecommunications. They run the full gamut from application level to physical level. It is overwhelming to try to keep track of them. Network Design, Second Edition: Management and Technical Perspectives is a broad survey of the major technologies and networking protocols and how they inter

**Apache HTTP Server 2.2 Official Documentation - Volume III. Modules (A-H)** Apache Software Foundation 2010-04 The Apache HTTP Server 2.2 Official Documentation books covers all aspects of using and managing for the world's most popular web server.

**Foreign Policy of Iran under President Hassan Rouhani's First Term (2013-2017)** Luciano Zaccara 2020-06-22 The book deals with President Hassan Rouhani's conceptual approach to foreign policy. It discusses the main pillars of thinking underpinning Rouhani's administration and the school of thought associated with it, with a focus on issues pertaining to development as well as international relations. The signature of the "Joint Comprehensive Plan of Action" in 2015 showed

the Iranian commitment towards the international requests on guarantees and transparency on its nuclear enrichment program. The book analyses the actual impact of the nuclear deal on the Gulf regional politics, with especial emphasis on the Iran-Saudi Arabia balance of power and the internal implications at political and economic level. It will assess the success or failure of the nuclear deal JCPOA as a foreign policy tool and its impact for Iran and the region. The book also analyses Iran's relations with other gulf Arab states, Latin America, Africa and its 'war on terror' along with its allies Syria and Iraq.

**Principles of Information Security** Michael E. Whitman 2011-01-01 The fourth edition of Principles of Information Security explores the field of information security and assurance with updated content including new innovations in technology and methodologies. Students will revel in the comprehensive coverage that includes a historical overview of information security, discussions on risk management and security technology, current certification information, and more. The text builds on internationally-recognized standards and bodies of knowledge to provide the knowledge and skills students need for their future roles as business decision-makers. Information security in the modern organization is a management issue which technology alone cannot answer; it is a problem that has important economic consequences for which management will be held accountable. Students can feel confident that they are using a standards-based, content-driven resource to prepare for their work in the field. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Preventing Web Attacks with Apache** Ryan C. Barnett 2006-01-27 The only end-to-end guide to securing Apache Web servers and Web applications Apache can be hacked. As companies have improved perimeter security, hackers have increasingly focused on attacking Apache Web servers and Web applications. Firewalls and SSL won't protect you: you must systematically harden your Web application environment. Preventing Web Attacks with Apache brings together all the information you'll need to do that: step-by-step guidance, hands-on examples, and tested configuration files. Building on his groundbreaking SANS presentations on Apache security, Ryan C. Barnett reveals why your Web servers represent such a compelling target, how significant exploits are performed, and how they can be defended against. Exploits discussed include: buffer overflows, denial of service, attacks on vulnerable scripts and programs, credential sniffing and spoofing, client parameter manipulation, brute force attacks, web defacements, and more. Barnett introduces the Center for Internet Security Apache Benchmarks, a set of best-practice Apache security configuration actions and settings he helped to create. He addresses issues related to IT processes and your underlying OS; Apache downloading, installation, and configuration; application hardening; monitoring, and more. He also presents a chapter-length case study using actual Web attack logs and data captured "in the wild." For every sysadmin, Web professional, and security specialist responsible for Apache or Web application security.

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