Jabber For Ipad Configuration Guide

Learn how to create your very own game using the libGDX cross-platform framework About This Book Learn the core features of libGDX to develop your own exciting games Explore game development concepts through example projects Target games for major app stores quickly and easily with libGDX's cross-platform functionality Who This Book Is For This book is intended for those who wish to learn the concepts of game development using libGDX. An understanding of Java and other programming languages would definitely be helpful, although it is not a must. What You Will Learn Create and configure a libGDX project to get started with making games Get to grips with a simple game loop that will drive your games Manage game assets to reduce code duplication and speed up development Pack game assets together into single assets to increase your game's performance Display textures on the screen and manipulate them with play input Play various types of sounds that a game can generate Design and modify a game user interface with libGDX's built-in tools Develop a game that will run across various platforms In Detail LibGDX is a cross-platform game development framework in Java that makes game programming easier and fun to do. It currently supports Windows, Linux, Mac OS X, Android, and HTML5. With a vast feature set on offer, there isn't a game that can't be made using libGDX. It allows you to write your code once and deploy it to multiple platforms without modification. With cross-platform delivery at its heart, a game can be made to target the major markets quickly and cost effectively. This book starts with a simple game through which the game update cycle is explained, including loading textures onto your screen, moving them around, and responding to input. From there you'll move on to more advanced concepts such as creating a formal game structure with a menu screen, adding a game screen and loading screen, sprite sheets, and animations. You'll explore how to introduce a font to optimize text, and with the help of a game that you'll create, you'll familiarise yourself with the 2D tile map API to create worlds that scroll as the characters move. In the final sample game of the book, you'll implement a basic version of an Angry Birds clone, which will allow you to use the physic library box2D that libGDX provides access to. An overview of exporting games to different platforms is then provided. Finally, you will discover how to integrate third-party services into games and take a sneak peak at the Social Media API to get a basic understanding of how it fits into the libGDX ecosystem. Style and approach With this book you'll learn game development with libGDX through example game projects. You'll finish the book with a thorough understanding of libGDX game development, along with completed games that you'll have built yourself.

This text provides a concise, yet comprehensive overview of telemedicine in the ICU. The first part of the book reviews common issues faced by practitioners and hospital administrators in implementing and managing tele-ICU programs, including the merits of different staffing models, the challenges of building homegrown programs versus contracting for services, and the impact of state laws and payer policies on reimbursement for tele-ICU services. The second part of the book presents the current state of evidence for and against ICU telemedicine, based on clinical trials, before-and-after implementation studies, and observational data. The third part dives deeper into specific use cases for telemedicine in the ICU, including telestroke, pediatric and cardiac intensive care, and early treatment of declining patients with sepsis. Written by experts in the field, Telemedicine in the ICU is a practical guide for intensive care physicians and hospital administrators that provides all the information necessary in building and maintaining a successful tele-ICU program.

Front-end development targets the browser, putting your applications in front of the widest range of users regardless of device or operating system. This guide will give you a solid foundation for creating rich web experiences across platforms. Focusing on JavaScript, CSS3, and HTML5, this book is for programmers with a background in other platforms and developers with previous web experience who need to get up to speed quickly on current tools and best practices. Each chapter of this book will guide you through essential concepts and APIs as you build a series of applications. You will implement responsive UIs, access remote web services, build applications with Ember.js, and more. You will also debug and test your code with cutting-edge development tools and harness the power of Node.js and the wealth of open-source modules in the npm registry. After working through the step-by-step example projects, you will understand how to build modern websites and web applications.

This book explores vegetable fiber composite as an eco-friendly, biodegradable, and sustainable material that has many potential industrial applications. The use of vegetable fiber composite supports the sustainable development goals (SDGs) to utilize more sustainable and greener composite materials, which are also easy to handle and locally easily available with economical production costs. This book presents various types of vegetable fiber composite and its processing methods and treatments to obtain desirable properties for certain applications. The book caters to researchers and students who are working in the field of bio-composites and green materials.

CCNP Security Identity Management Sise 300-715 Official Cert Guide

Rtfm

Master IT security essentials and exam topics for CompTIA Security+ SY0-501 certification

Implementing Cisco Collaboration Applications (CAPPS) Foundation Learning Guide (CCNP Collaboration Exam 300-085 CAPPS)

Skype for Business Unleashed

A Dynamical Systems Approach

Does your Rails code suffer from bloat, brittleness, or inaccuracy? Cure these problems with the regular application of test-driven development. You'll use Rails 5.1, Minitest 5, and RSpec 3.6, as well as popular testing libraries such as factory_girl and Cucumber. Updates include Rails 5.1 system tests and Webpack integration. Do what the doctor ordered to make your applications feel all better. Side effects

may include better code, fewer bugs, and happier developers. Your Ruby on Rails application is sick. Deadlines are looming, but every time you make the slightest change to the code, something else breaks. Nobody remembers what that tricky piece of code was supposed to do, and nobody can tell what it actually does. Plus, it has bugs. You need test-driven development: a process for improving the design, maintainability, and long-term viability of software. With both practical code examples and discussion of why testing works, this book starts with the most basic features delivered as part of core Ruby on Rails. Once you've integrated those features into your coding practice, work with popular third-party testing tools such as RSpec, Jasmine, Cucumber, and factory_girl. Test the component parts of a Rails application, including the back-end model logic and the front-end display logic. With Rails examples, use testing to enable your code to respond better to future change. Plus, see how to handle real-world testing situations. This new edition has been updated to Rails 5.1 and RSpec 3.6 and contains full coverage of new Rails features, including system tests and the Webpack-based JavaScript setup. What You Need: Ruby 2.4, Rails 5.1

Methods by which robots can learn control laws that enable real-time reactivity using dynamical systems; with applications and exercises. This book presents a wealth of machine learning techniques to make the control of robots more flexible and safe when interacting with humans. It introduces a set of control laws that enable reactivity using dynamical systems, a widely used method for solving motion-planning problems in robotics. These control approaches can replan in milliseconds to adapt to new environmental constraints and offer safe and compliant control of forces in contact. The techniques offer theoretical advantages, including convergence to a goal, non-penetration of obstacles, and passivity. The coverage of learning begins with low-level control parameters and progresses to higher-level competencies composed of combinations of skills. Learning for Adaptive and Reactive Robot Control is designed for graduate-level courses in robotics, with chapters that proceed from fundamentals to more advanced content. Techniques covered include learning from demonstration, optimization, and reinforcement learning, and using dynamical systems in learning control laws, trajectory planning, and methods for compliant and force control . Features for teaching in each chapter: • applications, which range from arm manipulators to whole-body control of humanoid robots; • pencil-and-paper and programming exercises; • lecture videos, slides, and MATLAB code examples available on the author's website . • an eTextbook platform website offering protected material[EPS2] for instructors including solutions.

Whether you're thinking of switching to a Macintosh computer, are looking into the latest Apple products, or have a Mac and want to learn about Mac OS X Leopard, then Macs For Dummies, 10th Edition will get you going. Here you'll learn all about how to compare the different desktop and laptop models to choose your perfect match, make Mac OS X Leopard work your way, use the new iLife 2008 digital lifestyle applications, get online and connect to a wired or wireless network, and run Windows on your Mac so you can keep the Microsoft programs you need. You'll also discover how to: Navigate your way around the Mac interface and work with icons and folders Best utilize OS X, work with the new Photo Booth, and manage clutter with Exposé and Spaces Get connected, start a Web-browsing Safari, use e-mail and iChat, and shop online Join .Mac and take advantage of iDisk backups, IMAP mail, and Web Gallery Explore all that iTunes offers, process digital photos with iPhoto, make iMovies, and have fun with GarageBand Use Windows on your Mac and transfer Windows files It's a perfect time to join the Mac generation, especially if you're a Windows user who's been thinking of defecting. Macs For Dummies, 10th Edition will get you there, helping you pick peripherals, download freebie programs, set up user accounts, implement security secrets, troubleshoot your Mac, and experience the iLife.

Take your idea from concept to production with this unique guide Whether it's called physical computing, ubiquitous computing, or the Internet of Things, it's a hot topic in technology: how to channel your inner Steve Jobs and successfully combine hardware, embedded software, web services, electronics, and cool design to create cutting-edge devices that are fun, interactive, and practical. If you'd like to create the next must-have product, this unique book is the perfect place to start. Both a creative and practical primer, it explores the platforms you can use to develop hardware or software, discusses design concepts that will make your products eye-catching and appealing, and shows you ways to scale up from a single prototype to mass production. Helps software engineers, web designers, product designers, and electronics engineers start designing products using the Internet-of-Things approach Explains how to combine sensors, servos, robotics, Arduino chips, and more with various networks or the Internet, to create interactive, cutting-edge devices Provides an overview of the necessary steps to take your idea from concept through production If you'd like to design for the future, Designing the Internet of Things is a great place to start.

macOS High Sierra For Dummies

Pro HTML5 Programming

The Big Nerd Ranch Guide

Securing the Cloud

Learning for Adaptive and Reactive Robot Control

Enabling Technologies, Platforms, and Use Cases

The Red Team Field Manual (RTFM) is a no fluff, but thorough reference guide for serious Red Team members who routinely find themselves on a mission without Google or the time to scan through a man page. The RTFM contains the basic syntax for commonly used Linux and Windows command line tools, but it also encapsulates unique use cases for powerful tools such as Python and Windows PowerShell. The RTFM will repeatedly save you time looking up the hard to remember Windows nuances such as Windows wmic and dsquery command line tools, key registry values, scheduled tasks syntax, startup locations and Windows scripting. More importantly, it should teach you some new red team techniques.

CCNA Collaboration CIVND 210-065 Official Cert Guide CCNA Collaboration CIVND 210-065 Official Cert Guide from Cisco Press enables you to succeed on the exam the first time and is the only self-study resource approved by Cisco. Expert Cisco Collaboration engineers Brian Morgan and Jason Ball share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete, official study package includes A test-preparation routine proven to help you pass the exam "Do I Know This Already?" quizzes, which enable you to decide how much time you need to spend on each section Chapter-ending exercises, which help you drill on key concepts you must know thoroughly The powerful Pearson IT Certification Practice Test software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, and detailed performance reports A final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies Study plan suggestions and templates to help you organize and optimize your study time Well regarded for its level of detail, study plans, assessment features, challenging review questions

and exercises, this official study guide helps you master the concepts and techniques that ensure your exam success. CCNA Collaboration CIVND 201-065 Official Cert Guide is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners worldwide, please visit www.cisco.com. The official study guide helps you master topics on the CCNA Collaboration CIVND 210-065 exam, including the following: Cisco Collaboration components and architecture Cisco Digital Media Suite, Digital Signs, Cisco Cast, and Show and Share Cisco video surveillance components and architectures Cisco IP Phones, desktop units, and Cisco Jabber Cisco TelePresence endpoint portfolio Cisco Edge Architecture including Expressway Multipoint, multisite, and multiway video conferencing features Cisco TelePresence MCU hardware and server family Cisco TelePresence management Cisco WebEx solutions The CD-ROM contains more than 140 practice questions for the exam, memory table exercises and answer keys, and a study planner tool. Includes Exclusive Offer for 70% Off Premium Edition eBook and Practice Test Pearson IT Certification Practice Test minimum system requirements: Windows 10, Windows 8.1, Windows 7, or Vista (SP2), Microsoft .NET Framework 4.5 Client; Pentium-class 1 GHz processor (or equivalent); 512 MB RAM; 650 MB disk space plus 50 MB for each downloaded practice exam; access to the Internet to register and download exam databases This volume is part of the Official Cert Guide series from Cisco Press. Books in this series provide officially developed exam preparation materials that offer assessment, review, and practice to help Cisco Career Certification candidates identify weaknesses, concentrate their study efforts, and enhance their confidence as exam day nears. Register your product at ciscopress.com/register for convenient access to downloads, updates, and corrections as they become available.

Authorship Attribution surveys the history and present state of the discipline, presenting some comparative results where available. It also provides a theoretical and empirically-tested basis for further work. Many modern techniques are described and evaluated, along with some insights for application for novices and experts alike.

The complete reference guide to the hot technology of cloud computing Its potential for lowering IT costs makes cloud computing a major force for both IT vendors and users; it is expected to gain momentum rapidly with the launch of Office Web Apps later this year. Because cloud computing involves various technologies, protocols, platforms, and infrastructure elements, this comprehensive reference is just what you need if you?ll be using or implementing cloud computing. Cloud computing offers significant cost savings by eliminating upfront expenses for hardware and software; its growing popularity is expected to skyrocket when Microsoft introduces Office Web Apps This comprehensive guide helps define what cloud computing is and thoroughly explores the technologies, protocols, platforms and infrastructure that make it so desirable Covers mobile cloud computing, a significant area due to ever-increasing cell phone and smartphone use Focuses on the platforms and technologies essential to cloud computing Anyone involved with planning, implementing, using, or maintaining a cloud computing project will rely on the information in Cloud Computing Bible.

Powerful APIs for Richer Internet Application Development

Elements of Robotics

Security Strategies for the Ubiquitous Data Center

Exploiting OS X from the Root Up

Macs For Dummies

Day One

Working effectively with Apple platforms at a corporate or business level includes not only infrastructure, but a mode of thinking that administrators have to adopt to find success. A mode of thinking that forces you to leave 30 years of IT dogma at the door. This book is a guide through how to integrate Apple products in your environment with a minimum of friction. Because the Apple ecosystem is not going away. You'll start by understanding where Apple, third-party software vendors, and the IT community is taking us. What is Mobile Device Management and how does it work under the hood. By understanding how MDM works, you will understand what needs to happen on your networks in order to allow for MDM, as well as the best way to give the least amount of access to the servers or services that's necessary. You'll then look at management agents that do not include MDM, as well as when you will need to use an agent as opposed to when to use other options. Once you can install a management solution, you can deploy profiles on a device or you can deploy profiles on Macs using scripts. With Apple Device Management as your guide, you'll customize and package software for deployment and lock down devices so they're completely secure. You'll also work on getting standard QA environments built out, so you can test more effectively with less effort. Apple is forging their own path in IT. They

trade spots with Amazon, Google, and Microsoft as the wealthiest company to ever exist. And they will not be constrained by 30 or more years of dogma in the IT industry. You can try to shoehorn Apple devices into outdated modes of device management, or you can embrace Apple's stance on management with the help of this book. What You'll LearnDeploy profiles across devices effectively and securely Install apps remotely both from the app store and through custom solutions Work natively with Apple environments rather than retrofitting older IT solutions Who This Book Is For Mac administrators within organizations that want to integrate with the current Apple ecosystem, including Windows administrators learning how to use/manage Macs, mobile administrators working with iPhones and iPads, and mobile developers tasked with creating custom apps for internal, corporate distribution.

This is Cisco's official, comprehensive self-study resource for Cisco's SISE 300-715 exam (Implementing and Configuring Cisco Identity Services Engine), one of the most popular concentration exams required for the Cisco Certified Network Professional (CCNP) Security certification. It will thoroughly prepare network professionals to deploy and use Cisco ISE to simplify delivery of consistent, highly secure access control across wired, wireless, and VPN connections. Designed for all CCNP Security candidates, CCNP Security Identity Management SISE 300-715 Official Cert Guide covers every SISE #300-715 objective concisely and logically, with extensive teaching features designed to promote retention and understanding. You'll find: Pre-chapter quizzes to assess knowledge upfront and focus your study more efficiently Foundation topics sections that explain concepts and configurations, and link theory to practice Key topics sections calling attention to every figure, table, and list you must know Exam Preparation sections with additional chapter review features Final preparation chapter providing tools and a complete final study plan A customizable practice test library CCNP Security Identity Management SISE 300-715 Official Cert Guide offers comprehensive, up-to-date coverage of all SISE #300-715 Cisco Identity Services Engine topics related to: Architecture and deployment Policy enforcement Web Auth and guest services Profiler BYOD Endpoint compliance Network access device administration

This book provides solutions for securing important data stored in something as nebulous sounding as a cloud. A primer on the concepts behind security and the cloud, it explains where and how to store data and what should be avoided at all costs. It presents the views and insight of the leading experts on the state of cloud computing security and its future. It also provides no-nonsense info on cloud security technologies and models. Securing the Cloud: Security Strategies for the Ubiquitous Data Center takes the position that cloud security is an extension of recognized, established security principles into cloud-based deployments. It explores how those principles can be put into practice to protect cloud-based infrastructure and data, traditional infrastructure, and hybrid architectures combining cloud and on-premises infrastructure. Cloud computing is evolving so rapidly that regulations and technology have not necessarily been able to keep pace. IT professionals are frequently left to force fit pre-existing solutions onto new infrastructure and architectures for which they may be very poor fits. This book looks at how those "square peg/round hole" solutions are implemented and explains ways in which the pegs, the holes, or both may be adjusted for a more perfect fit.

HTML5 is here, and with it, web applications have acquired power, ease, scalability, and responsiveness like never before. With this book, developers will learn how to use the latest cutting-edge HTML5 web technology—available in the most recent versions of modern browsers—to build web applications with unparalleled functionality, speed, and responsiveness. This new edition includes major revisions for WebSockets functionality, reflecting the new W3C specification. It also features new chapters covering the drag-and-drop API as well as SVG. Explains how to create real-time HTML5 applications that tap the full potential of modern browsers Provides practical, real-world examples of HTML5 features in action Covers all the new HTML5 APIs to get you up-to-speed quickly with HTML5 Fully updated to include the latest revisions of the WebSocket API, and much more.

Telemedicine in the ICU
Recommended Courses of Action
FreeBSD Handbook
Cloud Computing Bible
A Real-World Guide to Understanding Arista Switches and EOS
CompTIA Security+ Certification Guide

As more and more devices become interconnected through the Internet of Things (IoT), there is an even greater need for this book,which explains the technology, the internetworking, and applications that are making IoT an everyday reality. The book begins with a discussion of IoT "ecosystems" and the technology that enables them, which includes: Wireless Infrastructure and Service Discovery Protocols Integration Technologies and Tools Application and Analytics Enablement Platforms A chapter on next-generation cloud infrastructure explains hosting IoT platforms and applications. A chapter on data analytics throws light on IoT data collection, storage, translation, real-time processing, mining, and analysis, all of which can yield actionable insights from the data collected by IoT applications. There is also a chapter on edge/fog computing. The second half of the book presents various IoT ecosystem use cases. One chapter discusses smart airports and highlights the role of IoT integration. It explains how mobile devices, mobile technology, wearables, RFID sensors, and beacons work together as the core technologies of a smart airport. Integrating these components into the airport ecosystem is examined in detail, and use cases and real-life examples illustrate this IoT ecosystem in operation. Another in-depth look is on envisioning smart healthcare systems in a connected world. This chapter focuses on the requirements, promising applications, and roles of cloud computing and data analytics. The book also examines smart homes, smart cities, and smart governments. The book concludes with a chapter on IoT security and privacy. This chapter examines the emerging security and privacy requirements of IoT environments. The security issues and an assortment of surmounting techniques and best practices are also discussed in this chapter.

Wastewater treatment technology is undergoing a profound transformation due to the fundamental changes in regulations governing the discharge and disposal of h- ardous pollutants. Established design procedures and criteria, which have served the industry well for decades, can no longer meet the ever-increasing demand. Toxicity reduction requirements dictate in the development of new technologies for the treatment of these toxic pollutants in a safe and cost-effective manner. Fo- most among these technologies are electrochemical processes. While electrochemical technologies have been known and utilized for the tre- ment of wastewater containing heavy metal cations, the application of these p- cesses is only just a beginning to be developed for the oxidation of recalcitrant organic pollutants. In fact, only recently the electrochemical oxidation process has been rec- nized as an advanced oxidation process (AOP). This is due to the development of boron-doped diamond (BDD) anodes on which the oxidation of organic pollutants is mediated via the formation of active hydroxyl radicals.

Scriptures clearly explain that our human problems are heart problems. It might be possible to "cover" yourself for a while, but eventually your inner attitudes will reveal themselves. An uncontrolled thought life will produce visibly wrong choices. That's why the Scriptures warn in Philippians 4:8: "Whatsoever things are true, whatsoever things are honest, whatsoever things are just, whatsoever things are pure, whatsoever things are lovely, whatsoever things are of good report; ... think on these things."--Jacket flap.

Written by two experienced penetration testers the material presented discusses the basics of the OS X environment and its vulnerabilities. Including but limited to; application porting, virtualization utilization and offensive tactics at the kernel, OS and wireless level. This book provides a comprehensive in-depth guide to exploiting and compromising the OS X platform while offering the necessary defense and countermeasure techniques that can be used to stop hackers As a resource to the reader, the companion website will provide links from the authors, commentary and updates. Provides relevant information including some of the latest OS X threats Easily accessible to those without any prior OS X experience Useful tips and strategies for exploiting and compromising OS X systems Includes discussion of defensive and countermeasure applications and how to use them Covers mobile IOS vulnerabilities

Day One Junos QoS for IOS Engineers

Vegetable Fiber Composites and their Technological Applications

Rails 5 Test Prescriptions

Apple Device Management

Front-End Web Development

Electrochemistry for the Environment

The FreeBSD Handbook is a comprehensive FreeBSD tutorial and reference. It covers installation, day-to-day use of FreeBSD, and mach more, such as the Ports collection, creating a custom kernel, security topics, the X Window System, how to use FreeBSD's Linux binary compatibility, and how to upgrade your system from source using the 'make world' command, to name a few.

Turn your Raspberry Pi into a secret agent toolbox with this set of exciting projects About This Book Turn your Raspberry Pi into a multi-purpose secret agent gadget for audio and video surveillance, Wi-Fi exploration, or playing pranks on your friends Detect an intruder on camera or with sensors and set off an alarm or receive messages to your phone Find out what the other computers on your network are up to and make yourself anonymous on the Internet This book has been updated for new additions to your toolkit featuring the tiny, recently released Raspberry Pi Zero board Who This Book Is For This book is for those who are new to the Raspberry Pi Zero ,Raspberry Pi 2 or Raspberry Pi 3 and have some experience with the original Raspberry Pi models, and even for those budding secret agents who would like to use Pi Zero as a secret agent toolbox. No programming experience is assumed. Suitable for the novice and expert alike, each topic provides a fast and easy way to get started with exciting applications, with practical examples in every chapter. What You Will Learn Install and configure the Raspbian Jessie operating system for maximum mischief Detect an intruder with motion detection or a laser trip wire and set off an alarm Listen in to conversations from a distance over Bluetooth Distort your voice in weird and wonderful ways Track the Pi's

whereabouts using GPS Connect your Pi to the mobile Internet using a 3G dongle and make yourself anonymous on the net Display secret messages and codes to fellow agents on a LED display In Detail This book is for all mischievous Raspberry Pi owners who'd like to see their computer transform into a neat spy gadget to be used in a series of practical pranks and projects. No previous skills are required to follow along, and if you're completely new to Linux, you'll pick up much of the basics for free. We'll help you set up your Raspberry Pi Zero , Raspberry Pi 2 and Raspberry Pi 3 and guide you through a number of pranks and secret agent techniques that are so inconspicuous yet high on mischief. You'll learn how to configure your operating system for maximum mischief and start exploring audio, video, or Wi-Fi techniques. We'll show you how to record, listen, or talk to people from a distance and how to set up your own phone network. Then, you'll plug in your webcam and set up a motion detector with an alarm and find out what the other computers on your Wi-Fi network are up to. Once you've mastered the techniques, we'll combine them with a battery pack and GPS for the ultimate off-road spy kit. Style and Approach This easy-to-follow guide is for budding secret agents who want to create tools for mischief, stealth, and reconnaissance. It's full of fun, practical examples and easy-to-follow recipes, guaranteeing maximum mischief for all skill levels.

Though Arista Networks is a relative newcomer in the data center and cloud networking markets, the company has already had considerable success. In this book, renowned consultant and technical author Gary Donahue (Network Warrior) provides an in-depth, objective guide to Arista's lineup of hardware, and explains why its network switches and Extensible Operating System (EOS) are so effective. Anyone with a CCNA or equivalent knowledge will benefit from this book, especially entrenched administrators, engineers, or architects tasked with building an Arista network. Is Arista right for your data center? Pick up this guide and find out. Topic highlights include: SysDB: the EOS system database that holds state, statuses, and variables Multichassis Link Aggregation (MLAG): for linking a port-channel to multiple switches instead of just one Latency Analyzer (LANZ): the interface-buffer troubleshooting tool with a reporting granularity of one millisecond VM Tracer: for adding, changing, and removing VLANs without human interaction Zero-Touch Provisioning (ZTP): for remote switch configuration Hardware advantages: including merchant silicon, low-latency networking, and power consumption Gotchas: issues with Arista switches or systems

A look at the revolution in game live streaming and esports broadcasting Every day thousands of people broadcast their gaming live to audiences over the internet using popular sites such as Twitch, which reaches more than one hundred million viewers a month. In these new platforms for interactive entertainment, big esports events featuring digital game competitors live stream globally, and audiences can interact with broadcasters—and each other—through chat in real time. What are the ramifications of this exploding online industry? Taking readers inside home studios and backstage at large esports events, Watch Me Play investigates the rise of game live streaming and how it is poised to alter how we understand media and audiences. Through extensive interviews and immersion in this gaming scene, T. L. Taylor delves into the inner workings of the live streaming platform Twitch. From branding to business practices, she shows the pleasures and work involved in this broadcasting activity, as well as the management and governance of game live streaming and its hosting communities. At a time when gaming is being reinvented through social media, the potential of an ever-growing audience is transforming user-generated content and alternative distribution methods. These changes will challenge the meaning of ownership and intellectual property and open the way to new forms of creativity. The first book to explore the online phenomenon Twitch and live streaming games, Watch Me Play offers a vibrant look at the melding of private play and public entertainment.

FreeRADIUS Beginner's Guide
Designing the Internet of Things
Don't Look Now, But Your Attitude is Showing
Understanding OpenContrail Architecture
Custodians of the Internet
A Unified Theory of Managing Macs, iPads, iPhones, and AppleTVs

How is performativity shaped by digital technologies – and how do performative practices reflect and alter techno-social formations? "Performing the Digital" explores, maps and theorizes the conditions and effects of performativity in digital cultures. Bringing together scholars from performance studies, media theory, sociology and organization studies as well as practitioners of performance, the contributions engage with the implications of digital media and its networked infrastructures for modulations of affect and the body, for performing cities, protest, organization and markets, and for the performativity of critique. With contributions by Marie-Luise Angerer, Timon Beyes, Scott deLahunta and Florian Jenett, Margarete Jahrmann, Susan Kozel, Ann-Christina Lange, Oliver Leistert, Martina Leeker, Jon McKenzie, Sigrid Merx, Melanie Mohren and Bernhard Herbordt, Imanuel Schipper and Jens Schröter.

Work, play, connect, and share with the ultimate tour to macOS 'X' macOS 'X' For Dummies is the ultimate tour guide to the Mac operating system, written

by Bob "Dr. Mac" LeVitus himself! Whether you're upgrading your trusty old MacBook or venturing into new territory for the very first time, this easy to use guide will get you up and running quickly. It's all here: navigation, preferences, file management, networking, music and movies, and so much more. From the absolute basics to advanced techniques, this book shows you everything you need to know to turn your Mac into an extension of your brain. Concerned about security? Need to troubleshoot an issue? Want to make your Mac perform even better? Let Dr. Mac walk you through it with clear explanations and a little bit of humor. Read this book beginning-to-end for a complete tutorial, or dip in and out as needed when things take an unexpected turn; if you have macOS questions, Dr. Mac has the answers you need. macOS has powered Macs since 2001. Each free annual update improves the system's functionality, and typically offers a few new tools and fixes old issues. If you need to learn your way around this year's update quickly, easily, and thoroughly, this book is for you. Get organized and find your way around the interface Customize your Mac's look, "feel," and behavior Get connected, get online, and into the cloud Access your movies and music, back up your data, and more! Famous for its reliability and usability, macOS offers the sort of streamlined tools and operations you won't find anywhere else. macOS 'X' For Dummies helps you discover just how much your Mac can do for you.

As a result of a rigorous, methodical process that (ISC) follows to routinely update its credential exams, it has announced that enhancements will be made to both the Certified Information Systems Security Professional (CISSP) credential, beginning April 15, 2015. (ISC) conducts this process on a regular basis to ensure that the examinations and

Manage your network resources with FreeRADIUS by mastering authentication, authorization and accounting.

iOS Hacker's Handbook

Android Application Development For Dummies

Twitch and the Rise of Game Live Streaming

Performativity and Performance Studies in Digital Cultures

Arista Warrior

Build a Healthy Codebase

CompTIA Security+ Certification Guide makes the most complex Security+ concepts easy to understand despite having no prior knowledge. It offers exam tips in every chapter along with access to practical exercises and exam checklist that map to the exam objectives and it is the perfect study guide to help you pass CompTIA Security+ SY0-501 exam.

The authors evaluate wargaming tools as the U.S. Marine Corps invests its next-generation wargaming concept. The authors describe wargaming processes, facilities, and skill sets and recommend courses of action.

Skype for Business Unleashed This is the most comprehensive, realistic, and useful guide to Skype for Business Server 2015, Microsoft's most powerful unified communications system. Four leading Microsoft unified communications consultants share in-the-trenches guidance for planning, integration, migration, deployment, administration, and more. The authors thoroughly introduce Skype for Business 2015's components and capabilities, as well as changes and improvements associated with the integration of popular Skype consumer technologies. You'll find detailed coverage of IP voice, instant messaging, conferencing, and collaboration; and expert guidance on server roles, multi-platform clients, security, and troubleshooting. Reflecting their unsurpassed experience, the authors illuminate Microsoft's new cloud-based and hybrid cloud architectures for unified communications, showing how these impact networking, security, and Active Directory. They cover SDN for unified communications; interoperation with consumer Skype and legacy video conferencing; quality optimization, mobile improvements, and much more. Throughout, the authors combine theory, step-by-step configuration instructions, and best practices from real enterprise environments. Simply put, you'll learn what works–and how it's done. Detailed Information on How To · Plan deployments, from simple to highly complex · Deploy Skype for Business Server 2015 as a cloud or cloud-hybrid solution · Walk step by step through installation or an in-place upgrade · Overcome "gotchas" in migrating from Lync Server 2010 or 2013 · Leverage new features available only in cloud or cloud-hybrid environments · Implement and manage Mac, mobile, Windows, browser, and virtualized clients · Establish server roles, including front end, edge, and mediation server · Make the most of Skype for Business Server 2015's enhanced mobile experience · Manage external dependencies: network requirements, dependent services, and security infrastructure · Efficiently administer Skype for Business Server 2015 · Provide for high availability and disaster recovery · Integrate voice, telephony, and video, step by step · Avoid common mistakes, and discover expert solutions and workarounds Category: Business Applications Covers: Skype for Business User Level: Intermediate—Advanced

Now fully updated for the new Cisco CAPPS 300-085 exam, Implementing Cisco Collaboration Applications (CAPPS) Foundation Learning Guide is your Cisco® authorized learning tool for CCNP® Collaboration preparation. Part of the Cisco Press Foundation Learning Series, it teaches advanced skills for designing, deploying, configuring, and troubleshooting Cisco Collaboration and Unified Communications applications, devices, and networks. Author Chris Olsen shows how to effectively use Cisco Unity Connection, Cisco Unity Express, Cisco Instant Message and Presence, Cisco TelePresence Video Communication Server, and Cisco TelePresence Management Suite in production environments. He begins by introducing the server platforms and overlays that are the basis for all Cisco Unity Connection design and integration. Next, he presents in-depth coverage of a wide range of essential tasks–from user configuration to voicemail redundancy, configuring Cisco Jabber Mobile, to provisioning Cisco Prime Collaboration. Each chapter opens with a list of topics that clearly identifies its focus. Each chapter ends with a summary of key concepts for quick study, as well as review questions to assess and reinforce your understanding. Throughout, configuration

examples and sample verification outputs illustrate critical issues in network operation and troubleshooting. Whether you are preparing for the CCNP Collaboration certification exams or you are just interested in learning about how to deploy and operate Cisco collaboration applications, you will find this book to be an invaluable resource. Shows how to integrate Cisco Unity Connection with Cisco Unified Communications Manager or other PBXs Covers configuring Cisco Unity Connection users, templates, service classes, distribution lists, security, LDAP, dial plans, and call management Walks through Unified Messaging single Inbox configuration Shows how to design, integrate, and configure feature-rich branch office messaging solutions with Cisco Unity Express Explains Cisco Unified IM and Presence components, design, integration, deployment, and feature configuration Covers Cisco Jabber and Cisco Jabber Mobile configuration Guides you through deploying Cisco Collaboration Systems Applications with Cisco Prime Collaboration Introduces Cisco TelePresence Management Suite (Cisco TMS) capabilities and scheduling options This book is in the Foundation Learning Guide Series. These guides are developed together with Cisco® as the only authorized, self-paced learning tools that help networking professionals build their understanding of networking concepts and prepare for Cisco certification exams.

IPv6 Deployment Guide
The Internet of Things
LibGDX Game Development By Example
Next-Generation Wargaming for the U. S. Marine Corps
Official (ISC)2 Guide to the CISSP CBK
The Hacker's Guide to OS X

Discover all the security risks and exploits that can threateniOS-based mobile devices iOS is Apple's mobile operating system for the iPhone and iPad.With the introduction of iOS5, many security issues have c This book explains and discusses them all. The award-winningauthor team, experts in Mac and iOS security, examines thevulnerabilities and the internals of iOS to show how attacks can bemitigated. The book how the operating system works, itsoverall security architecture, and the security risks associatedwith it, as well as exploits, rootkits, and other payloadsdeveloped for it. Covers iOS security architecture, vul hunting,exploit writing, and how iOS jailbreaks work Explores iOS enterprise and encryption, code signing and memoryprotection, sandboxing, iPhone fuzzing, exploitation, ROP payloads,and baseband attacks Als examines kernel debugging and exploitation Companion website includes source code and tools to facilitateyour efforts iOS Hacker's Handbook arms you with the tools needed toidentify, understand, and foil i This open access book bridges the gap between playing with robots in school and studying robotics at the upper undergraduate and graduate levels to prepare for careers in industry and research. Robotic alg presented formally, but using only mathematics known by high-school and first-year college students, such as calculus, matrices and probability. Concepts and algorithms are explained through detailed diagran calculations. Elements of Robotics presents an overview of different types of robots and the components used to build robots, but focuses on robotic algorithms: simple algorithms like odometry and feedback as algorithms for advanced topics like localization, mapping, image processing, machine learning and swarm robotics. These algorithms are demonstrated in simplified contexts that enable detailed computation: performed and feasible activities to be posed. Students who study these simplified demonstrations will be well prepared for advanced study of robotics. The algorithms are presented at a relatively abstract le any specific robot. Instead a generic robot is defined that uses elements common to most educational robots: differential drive with two motors, proximity sensors and some method of displaying output to th theory is supplemented with over 100 activities, most of which can be successfully implemented using inexpensive educational robots. Activities that require more computation can be programmed on a compu are available with suggested implementations for the Thymio robot and standalone programs in Python.

&> Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice t you are fully prepared for your certification exam. Master Cisco CCNA Collaboration CIVND 210-065 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparat This is the eBook edition of the CCNA Collaboration CIVND 210-065 Official Cert Guide. This eBook does not include the companion CD-ROM with practice exam that comes with the print edition. CCNA Collabo CIVND 210-065 Official Cert Guide from Cisco Press enables you to succeed on the exam the first time and is the only self-study resource approved by Cisco. Expert Cisco Collaboration engineers Brian Morga Ball share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete, official study package includes A test-p routine proven to help you pass the exam "Do I Know This Already?" quizzes, which enable you to decide how much time you need to spend on each section Chapter-ending exercises, which help you drill on ke you must know thoroughly The powerful Pearson IT Certification Practice Test software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, and detailed performance re preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies Study plan suggestions and templates to help you organize and optimize your study regarded for its level of detail, study plans, assessment features, challenging review questions and exercises, this official study guide helps you master the concepts and techniques that ensure your exam suc Collaboration CIVND 201-065 Official Cert Guide is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study prod Cisco Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners worldwide, please visit www.cisco.com. The official study guide h master topics on the CCNA Collaboration CIVND 210-065 exam, including the following: Cisco Collaboration components and architecture Cisco Digital Media Suite, Digital Signs, Cisco Cast, and Show and Shar video surveillance components and architectures Cisco IP Phones, desktop units, and Cisco Jabber Cisco TelePresence endpoint portfolio Cisco Edge Architecture including Expressway Multipoint, multisite, and video conferencing features Cisco TelePresence MCU hardware and server family Cisco TelePresence management Cisco WebEx solutions

A revealing and gripping investigation into how social media platforms police what we post online—and the large societal impact of these decisions Most users want their Twitter feed, Facebook page, and You comments to be free of harassment and porn. Whether faced with "fake news" or livestreamed violence, "content moderators"—who censor or promote user†'posted content—have never been more important especially true when the tools that social media platforms use to curb trolling, ban hate speech, and censor pornography can also silence the speech you need to hear. In this revealing and nuanced exploration award†'winning sociologist and cultural observer Tarleton Gillespie provides an overview of current social media practices and explains the underlying rationales for how, when, and why these policies are enfor doing so, Gillespie highlights that content moderation receives too little public scrutiny even as it is shapes social norms and creates consequences for public discourse, cultural production, and the fabric of s on interviews with content moderators, creators, and consumers, this accessible, timely book is a must†'read for anyone who's ever clicked "like" or "retweet."
Raspberry Pi for Secret Agents

Platforms, Content Moderation, and the Hidden Decisions That Shape Social Media
Red Team Field Manual
Watch Me Play
Performing the Digital
Authorship Attribution