Chapter 4 Resources Pc Mac

No IT server platform is 100% secure and useful at the same time. If your server is installed in a secure vault, three floors underground in a double-locked room, not connected to any network and switched off, one would say it was reasonably secure, but it would be a stretch to call it useful. This IBM® Redbooks® publication is about switching on the power to your Linux® on System z® server, connecting it to the data and to the network, and letting users have access to this formidable resource space in a secure, controlled, and auditable fashion to make sure the System z server and Linux are useful to your business. As the quotation illustrates, the book is also about ensuring that, before you start designing a security solution, you understand what the solution has to achieve. The base for a secure system is tightly related to the way the architecture and virtualization has been implemented on IBM System z. Since its inception 45 years ago, the architecture has been continuously developed to meet the increasing demands for a more secure and stable platform. This book is intended for system engineers and security administrators who want to customize a Linux on System z environment to meet strict security, audit, and control regulations. For additional information, there is a tech note that describes the best practices for securing your network. It can be found at: http://www.redbooks.ibm.com/abstracts/tips0981.html?Open

Even though 2G and 2.5G technologies, as compared to 3G, are more than a decade old, the current corporate battle for 2G spectrum in India, indicates the significance and growth potential of these technologies including GSM and GPRS.2.5G Mobile Networks is a complete coverage of GPRS and EDGE concepts presented in simple non-technical language without complex mathematics. An ideal primer for those working in or studying networking technologies, this book focuses mainly on procedures and basis of signaling exchanges. Readers will find a detailed treatment on GPRS network architecture, a healthy mix of concepts and protocols of Air Interface and Core Network, discussion on GPRS user-plane aspects with focus on user-plane protocols, important aspects of EDGE and much more&

Economics, Strategy and the Firm draws on the increasing synthesis of ideas from economics and business strategy to explain how organizations fulfil their corporate goals. The book provides an analytical framework showing how tools from economics can be used to explain, and even predict, the economic behaviour of organizations.

A common misconception in the Mac community is that Mac's operating system is more secure than others. While this might be true in certain cases, security on the Mac is still a crucial issue. When sharing is enabled or remote control applications are installed, Mac OS X faces a variety of security threats. Enterprise Mac Security: Mac OS X Snow Leopard is a definitive, expert-driven update of the popular, slash-dotted first edition and was written in part as a companion to the SANS Institute course for Mac OS X. It contains detailed Mac OS X security information, and walkthroughs on securing systems, including the new Snow Leopard operating system. Using the SANS Institute course as a sister, this book caters to both the beginning home user and the seasoned security professional not accustomed to the Mac, establishing best practices for Mac OS X for a wide audience. The authors of this book are seasoned Mac and security professionals, having built many of the largest network infrastructures for Apple and spoken at both DEFCON and Black Hat on OS X security.

"Navigate the interface; build a layout; synch and collaborate; format text and paragraphs; work with tables; add pictures; prep files for print; output your work to digital"--Back cover

The only Apple-certified book on OS X Lion, this revised best-seller will take you deep inside the latest big-cat operating system—covering everything from installation and configuration, customizing the operating system, supporting applications, setting up peripherals, and more. Whether you're a support technician or simply an ardent Mac user, you'll quickly learn and master the new features in OS X Lion. Following the learning objectives of the Apple Certified Support Professional exam, this self-paced book is a perfect guide for Apple's training and a first-rate primer for computer support personnel who need to troubleshoot and optimize OS X Lion as part of their jobs. Chapter review sections and quizzes summarize and reinforce acquired knowledge. The Apple Pro Training Series serves as both a self-paced learning tool and the official curriculum for OS X Lion and OS X Lion Server certification programs.

Radio Technologies and Concepts for IMT-Advanced presents the findings of the Wireless World Initiative New Radio (WINNER) project in Framework Program 6 of the European Commission. It provides an insight into the key concepts and technologies for the IMT-Advanced radio interface, based on the collaborative research of manufacturers, network operators, research centres and universities within WINNER. The book covers the fundamental radio characteristics of a typical 4G wireless communication system, focusing on the transceiver's chain from the physical layer to layers 2 and 3. Starting by defining realistic and futuristic usage scenarios, the authors provide in-depth discussion of key technologies including modulation and coding, link level procedures, spatial-temporal processing, multiple access schemes and inter-cell interference mitigation, channel estimation and newly developed channel models. Finally, a cost assessment and optimisation methodology is developed for different deployment concepts in order to assess a wireless system in a condition close to reality. The book provides an important system-level approach to the latest radio technologies in the field, and evaluates IMT-Advanced research in relation to international standardisation. Presents the research findings of IMT-Advanced radio interface from the WINNER project Covers the latest concepts for relaying, multiple access, radio resource control, flexible spectrum use, and ITU-R spectrum demand calculation Examines the most recent Multiple-Input, Multiple-Output (MIMO) techniques, and Distributed Antenna Systems (Coordinated Multipoint Transmissions) Describes a 4G system concept and all major building blocks Provides 4G

propagation models and system-level evaluation methodologies

Visual QuickStart Guide—the quick and easy way to le arn! This full-color, amply illustrated, accessible book teaches readers the essential skills necessary for creating compelling movies with iMovie and iDVD, Apple's consumer-friendly digital movie and DVD-burning software applications. Readers can follow the step-by-step instructions from the beginning to get a tour 0f the applications or look up specific tasks to learn just what they need to know. Longtime Macintosh and technology writer Jeff Carlson takes extra steps to ensure that readers understand all of the key aspects of digital movie making. Easy visual approach uses pictures to guide you through iMovie and iDVD (and how they interact with the other iLife '08 applications) and show you what to do. Concise steps and explanations let you get up and running in no time. Page for page, the best content and value around. Companion Web site at www.jeffcarlson.com/imovievqs offers links mentioned in the book, sample movies, and ongoing news and information about iMovie, iDVD, and video editing.

Publisher Description

Macs All-In-One For DummiesJohn Wiley & Sons

This Springer Brief focuses on cognitive resource management in heterogeneous cellular networks (Het Net) with small cell deployment for the LTE-Advanced system. It introduces the Het Net features, presents practical approaches using cognitive radio technology in accommodating small cell data relay and optimizing resource allocation and examines the effectiveness of resource management among small cells given limited coordination bandwidth and wireless channel uncertainty. The authors introduce different network characteristics of small cell, investigate the mesh of small cell access points in parallel with macrocells in network control and resource management and address resource management in the backhaul with coordination constraints and wireless channel uncertainty. The final section of this brief summarizes and provides future research directions for this topic, including a proposed framework that has been evaluated through realistic simulations. Cognitive Resource Management for Heterogeneous Cellular Networks is designed for researchers and professionals working in wireless communications and networks. Advanced-level students studying electrical and computer engineering should also find the content helpful.

Visual QuickStart Guide–the quick and easy way to le arn! This full-color, amply illustrated, accessible book teaches readers the essential skills necessary for creating compelling movies with iMovie '09 and iDVD, Apple's consumer-friendly digital movie and DVD-burning software applications. Readers can follow the step-by-step instructions from the beginning to get a tour 0f the applications or look up specific tasks to learn just what they need to know. Longtime Macintosh and technology writer Jeff Carlson takes extra steps to ensure that readers understand all of the key aspects of digital movie making. Easy visual approach uses pictures to guide you through iMovie '09 and iDVD (and how they interact with the other iLife '09 applications) and show you what to do. Concise steps and explanations let you get up and running in no time. Page for page, the best content and value around.

Learn how to drive the coolest laptop on the planet You took the plunge, paid extra, and—even though it looks and feels like perfection—have that fleeting doubt: is my MacBook really worth the investment? You'll be pleased to know that the answer is totally yes, and MacBook For Dummies is the ultimate way to learn the thousand and one reasons why the MacBook Pro or Air you now own is a modern masterpiece—as well as the ten thousand and one (and counting) things you can do with it. With its super-smooth performance, top-shelf LED screen, rugged reliability, and powerful, trouble-free operating system, you're going to have a lot of fun. Keeping jargon to a minimum, Mark L. Chambers—prolific tech author and all-round Mac whiz—gives you a friendly, step-by-step welcome to everything MacBook, from reviewing the hardware and powering up for the first time to getting familiar with files, security settings, launching apps, and entering the digital netherworld of iCloud. Then, with the basics reassuringly in place, you can begin your journey to power-user mastery in whatever areas of MacBook-ing you're most interested in, from doing the accounts in Numbers to perfecting that soon-to-be-released cinematic classic (with original score) using iMovie and GarageBand. Get familiar with the latest macOS, Big Sur Communicate with Messages and FaceTime Stream music, movies, and TV shows Manage and edit photos and video clips Whether you're a PC convert, Mac veteran, or completely new to the astonishing potential of the MacBook world, you'll find everything you need to get the most out of the technical marvel that's now at your command.

MacBook All-in-one for Dummies Makes Everything Easier! With a MacBook, you can work and play anywhere. With 9 books in 1, MacBook All-in-one for Dummies shows you how! You'll find coverage of: Getting started -- choose the MacBook that suits your needs, set it up, customize your preferences, and organize files and folders. Using Mac OS X -- learn your way around Snow Leopard, get to know the Dock, find things with Spotlight, and back up your system with Time Machine. Customizing and Sharing. Going Mobile With iLife -- explore iLife, where photos, movies, music, and your very own Web site all hang out. iWork For the Road Warrior -- do it the Mac way with Pages, Numbers, and Keynote, the iWork productivity applications. Typical Internet Stuff -- browse with Safari, store your stuff on iDisk, use Apple Mail, and iChat with friends. Networking in Mac OS X -- set up a network, go wireless, and use AirPort Extreme. Expanding Your System -- see how to add memory and connect hard drives and printers using USB and FireWire. Advanced Mac OS X. Learn the basics about using and maintaining your MacBook, how to work with Mac OS X, use the iWork productivity suite, enjoy the iLife, and cruise the Web from anywhere. Plus, you'll go under the hood and explore custom scripts and tweaks to help you get more from your MacBook and troubleshoot solutions.

If you're considering a Mac OS X server for your small business, school, nonprofit, or home network, this easy-to-follow guide will help you get up and running in no time. You'll learn how to share files, mail, and calendar information on your desktops, iPads, iPhones, and other devices, whether you're new to Mac OS X servers or need to update your skills for the Lion edition. Discover how to configure your network to include multiple operating systems—including Mac, iOS, and Windows—and set up servers for wikis, websites, and podcasts with relative ease. Plan your installation to make sure you have the right server hardware Control data access with permissions, and use Apple's Time Machine to back up your network Share contacts, schedules, and instant messaging with groupware Manage wikis, blogs, and websites with Lion's web service Build an email server and protect it against spam and malware Handle preferences for the network's Apple computers and iOS devices Deploy new Apple computers to the network with disk imaging

This work provides a user-friendly tour for the uninitiated of the Mac's UNIX base. You can safely explore Terminal and familiarize yourself with the command line, learning as you go about the hundreds of UNIX programs that come with your Mac.

Welcome to the wonderful world of the Mac! Whether you've just decided to switch from Windows or you've been using a Mac for awhile and want to take advantage of all its bells and whistles, Macs All-in-

One Desk Reference For Dummies is the perfect guidebook to Mac land. You probably already know that Macs were made for media. There's iPhoto for organizing, editing, and sharing your digital photos; iMovie to let you become a moviemaker; iDVD for preserving that movie and playing your favorites; and of course, iTunes for managing your music. But your Mac is just as happy creating documents, browsing the Internet, putting together cool presentations, or even crunching numbers. This guide shows you how to use all those applications and more. Seven minibooks cover Mac basics; working with photos, movies, and music; using the Internet; working with iLife and iWork applications; various other Mac programs; time-saving tips; and networking. You'll discover how to Set up and customize a new Mac Get online, choose a browser, configure an e-mail account, and instant-message with iChat Handle Mac security and troubleshoot problems Create a Web site with iWeb and get it online Back up your files, sync your stuff, and manage your life with your Mac Network your Mac with other computers, even PCs, and share files, printers, and more Even if you're a seasoned Mac veteran, we bet you'll find some things here you didn't know! And you'll refer to this book again and again.

The only Apple-certified book on Mac OS X v10.6, this revised best-seller will take you deep inside the latest big-cat operating system—covering everything from installation to automation, customizing the operating system, supporting applications, setting up peripherals, and more. Whether you're a support technician or simply an ardent Mac user, you'll quickly learn and master the new features in Mac OS X 10.6, including native support for Microsoft Exchange Server 2007. Following the learning objectives of the Apple Certified Support Professional exam, this self-paced book is a perfect guide for Apple's training and a first-rate primer for computer support personnel who need to troubleshoot and optimize Mac OS X as part of their jobs. Chapter review sections and quizzes summarize and reinforce acquired knowledge. The Apple Training Series serves as both a self-paced learning tool and the official curriculum for the Mac OS X and Mac OS X Server certification programs.

Aimed at Java developers, explores the Mac OS X platform, covering topics including Apache Web servers, IDEs, Jakarta Ant, the Spelling Framework, SOAP, and integration with QuickTime.

Natural Hazards: Earth Processes as Hazards, Disasters and Catastrophes, Fourth Edition, is an introductory-level survey intended for university and college courses that are concerned with earth processes that have direct, and often sudden and violent, impacts on human society. The text integrates principles of geology, hydrology, meteorology, climatology, oceanography, soil science, ecology and solar system astronomy. The book is designed for a course in natural hazards for non-science majors, and a primary goal of the text is to assist instructors in guiding students who may have little background in science to understand physical earth processes as natural hazards and their consequences to society. Natural Hazards uses historical to recent examples of hazards and disasters to explore how and why they happen and what we can do to limit their effects. The text's up-to-date coverage of recent disasters brings a fresh perspective to the material. The Fourth Edition continues our new active learning approach that includes reinforcement of learning objective with a fully updated visual program and pedagogical tools that highlight fundamental concepts of the text. This program will provide an interactive and engaging learning experience for your students. Here's how: Provide a balanced approach to the study of natural hazards: Focus on the basic earth science of hazards as well as roles of human processes and effects on our planet in a broader, more balanced approach to the study of natural hazards. Enhance understanding and comprehension of natural hazards: Newly revised stories and case studies give students a behind the scenes glimpse into how hazards are evaluated from a scientific and human perspective; the stories of real people who survive natural hazards, and the lives and research of professionals who have contributed significantly to the research of hazardous events. Strong pedagogical tools reinforce the text's core features: Chapter structure and design organizes the material into three major sections to help students learn, digest, and review learning objectives.

Green communication has emerged as one of the most important research topics for radio systems. This leads us to develop an energy-efficient mechanism which adjusts transmission power according to the traffic load and reduces the energy per bit usage. For the vision of Europe 2020 as a smart, sustainable and inclusive economy to become reality, the EU have set forth the 20:20:20 targets by which greenhouse gas emissions and energy reduction of primary use should be reduced by 20% while 20% of energy consumption should come from renewable resources. In fact, in today's energy-conscious society, Information and Communication Technology (ICT) accounts for 2% of the global CO_2 emissions. A medium-sized cellular network uses as much energy as 170,000 homes, while the cost of powering the existing BSs accounts for a staggering 50% of a service provider's overall expenses. Therefore, new solutions are required whereby operators can accommodate additional traffic volume whilst reducing their investment in new infrastructure and beyond that significantly reduces their energy bill. Moreover, the EU political agenda, in unison with expected growth in mobile data, has identified cost and energy per bit reduction as a stringent design requirement for mobile networks of the future. Green Communication for 4G Wireless Systems mainly covers energy efficient techniques in physical, MAC and network layers. Cross-layer energy efficiency optimization in time and frequency has been also discussed with two fundamental tradeoffs, energy efficiency and spectral efficiency. This technical introduction to Green Communication in 4G wireless systems, explaining the rather complex standards (3GPP Releases R10 and R11), is a must-read for engineers, decision-makers and students interested in Green Communication, as well as other researchers and scientists from this evolving field.

Mac OS X Snow Leopard for Power Users: Advanced Capabilities and Techniques is for Mac OS X users who want to go beyond the obvious, the standard, and the easy. If want to dig deeper into Mac OS X and maximize your skills and productivity using the world's slickest and most elegant operating system, then this is the book for you. Written by Scott Granneman, an experienced teacher, developer, and consultant, Mac OS X for Power Users helps you push Mac OS X to the max, unveiling advanced techniques and options that you may have not known even existed. Create custom workflows and apps with Automator, run Windows programs and even Windows itself without dual-booting, and sync data on your hard drive, on your phone, and in the cloud—learn all of these techniques and more. This is not a book that talks down to you; Mac OS X for Power Users is an essential book for experienced Mac users who are smart enough to know there is more to be known, and are ready to become power users.

A troubleshooting guide for Macintosh users, covering Mac OS 9 and the G4s, explains how to cope with frozen systems, error messages, and extension conflicts

Why Choose this book: Inside Advantage: Written for photographers by a photographer! Martin shares his expert knowledge to help you combine photography and Photoshop to develop memorable images Complete updates: 704 pages of fully updated content plus 30 pages of Photoshop Shortcuts on the free CD-ROM Master Photoshop CS2: More than 300 pages of information show you how to make tonal corrections, sharpen images, use filters, create montages, simulate darkroom effects and automate Photoshop Conquer color obstacles: Over 100 pages devoted to explaining the basic principles of color management, how to calibrate your equipment and how to achieve consistent color and produce perfect prints Expanded areas: Provides more detailed examples, diagrams, simple step-by-step explanations, improving accessibility for the advanced beginner The latest edition to join Martin Evening's bestselling 'Adobe Photoshop for Photographers' titles, gives you completely updated and revised coverage providing a professional photographer's insight into Photoshop CS2. Inside you'll find invaluable information on Bridge, the new file browser that is set to become a very useful image management tool for photographers. Other new developments covered include the new Digital Negative (DNG) file format, improvements in Camera Raw file processing and High Dynamic Range imaging. Packed full of all the latest features and instructive information on key elements from color management to printing, Martin Evening passes on his famous techniques and professional experience in this commanding and authoritative resource. * Over 450 professional, color illustrations make this book stand above the rest * New interior design and reorganised contents make this book even easier to use * Master the power of Photoshop CS2 under the instruction of an internationally recognised Photoshop expert

This unique book captures God's plan for the Feasts of Israel; with their Biblical history, rich traditions and triumphant fulfillment in Christ. It will open your eyes to see how relevant these Feasts are to your everyday Christian life and will serve as a powerful tool to pass your faith in Jesus Christ to the next generation. Interwoven throughout this book you find testimonies, songs, christian theology, topics of discipleship, and suggestions of a Christ centered celebration of these Feasts in your own family. The richness and personal nature of these Feasts is waiting to be unfolded in the story of Jesus Christ throughout the Bible. Be ready to discover God's great plan for you, your family, and this world as it is portrayed in this second expanded edition of Celebrating the Feasts of Israel.

While 3G has been an outstanding success, the ever-growing demand for higher data rates and higher quality mobile communication services continues to fuel conflict between the rapidly growing number of users and limited bandwidth resources. In the future, a 100-fold increase in mobile data traffic is expected. That will necessitate further improvements to 3GPP LTE (Long-Term Evolution) and create limitless opportunities for engineers who understand the technology and how to apply it to deliver enhanced services. Long Term Evolution: 3GPP LTE Radio and Cellular Technology outlines the best way to position yourself now for future success. With coverage ranging from basic concepts to current research, this comprehensive reference contains technical information about all aspects of 3GPP LTE. It details low chip rate, high-speed downlink/uplink packet access (HSxPA)/TDSCDMA EV 1x, LTE TDD, and 3G TDD. It introduces new technologies and covers methodologies to study the performance of frequency allocation schemes. The authors also discuss the proposed architecture of Mobile IPRR and distributed dynamic architecture in wireless communication, covering performance evaluation of the TD-SCDMA LTE System. With each passing day, more and more users are demanding mobile broadband data access everywhere, to facilitate synchronization of e-mails, Internet access, specific applications, and file downloads to mobile devices such as cell phones, smart phones, PDAs, and notebooks. LTE, successor to the 3G mobile radio network, is essential to creating radio coverage in the rollout phase and high capacity all over the radio cell in the long term. The 3GPP LTE will become increasingly crucial to supporting the high demand of data traffic rates generated by future mobile user terminals. Authored by international experts in the field, this practical book is an extremely valuable guide that addresses emerging current and future technologies associated with LTE and its future direction.

Need to learn iMovie HD 6 and iDVD 6 fast? Try a Visual QuickStart! This best-selling reference's visual format and step-by-step, task-based instructions will have you up and running with these great iLife applications in no time. Best-selling author and iLife expert Jeff Carlson uses crystal-clear instructions, full-color illustrations, and friendly prose to introduce you to everything from using themes, tools, and effects to timeline editing to video podcasts and blogs. You'll also learn about everything new in iMovie HD 6 and iDVD 6, including motion-graphics themes, real-time effects, audio enhancements, sharing options, and more!

Your all-in-one guide to the wonderful world of your Mac Are you getting the most from your Mac? Given what's possible, it's pretty unlikely. Whether you're just beginning your journey or are already a seasoned traveler, the six information-packed minibooks included in Macs All-in-One for Dummies open up a world of knowledge, from how to set up a recently bought Mac to exploring the coolest new features on your beloved device. Now updated with what you need to know about the newest generation of hardware and software, Macs All-in-One For Dummies is your guide to simply everything: protecting your Mac; backing up and restoring data with Time Machine; managing applications on the Dock, Launchpad, and Desktop; syncing with iCloud, organizing your life with Calendar, Reminders, Notes, and Notifications; presenting with Keynote; crunching with Numbers; getting creative with iMovie and GarageBand—the list goes on! Explore the newest version of MacOS Set up and customize a new Mac with ease Become more efficient, professional, smart, and creative with the latest must-have apps Use Home Sharing to stream content to other computers, iOS devices, and Apple TVs Dive into six books in one place: Mac Basics, Online Communications, Beyond the Basics, Your Mac as a Multimedia Entertainment Center, Taking Care of Business, and Mac Networking Whatever you want from your world of Mac, you'll find it here—as well as a million other incredible things you'll love. Get started on your new Mac journey today!

Provides instructions on customizing the Macintosh operating system, covering such topics as changing the desktop themes, changing system sounds, altering an application's interface, and changing keyboard shortcuts.

The perfect companion for taking the Microsoft Office suite to the Mac! So you finally got a Mac, but you're not looking forward to figuring out how Office works in a different environment? No worries! All you need is Microsoft Office 2008 For Mac All-in-One For Dummies to learn the fundamentals of Office 2008. With six books in one, it shows you how to use every Office 2008 for Mac application, so you can start getting things done right away. Written by Microsoft MVPs, Microsoft Office 2008 For Mac All-in-One For Dummies provides a user-friendly guide on how to master all the programs: Excel, Word, PowerPoint, and Entourage. This book explores ways to: Use the new galleries to find features, formats, wizards, templates, and recently used files Create your own templates on Excel and open Web pages in HTML format Take advantage of PowerPoint by adding animation to your slides, inserting music from your iTunes library, and fine-tuning the timing Organize your schedule on My Day, handle contacts and e-mail, and manage a database—all through Entourage Manage projects of all sizes on the Project Center Use all the applications together, and to their full potential With this all-in-one reference, you'll become an expert on sharing files with Windows users, integrating Office 2008 with iLife and other Mac applications, and working with Office and Web 2.0, as well as other common business tasks. This book makes it that easy!

Providing a complete description of modern tactical military communications and networks technology, this book systematically compares tactical military communications techniques with their commercial equivalents, pointing out similarities and differences. In particular it examines each layer of the protocol stack and shows how specific tactical and security requirements result in changes from the commercial approach. The author systematically leads readers through this complex topic, firstly providing background on the architectural approach upon which the analysis will be based, and then going into detail on tactical wireless communications and networking technologies and techniques. Structured progressively: for readers needing an overall view; for those looking at the communications aspects (lower layers of the protocol stack); and for users interested in the networking aspects (higher layers of the protocol stack) Presents approaches to alleviate the challenges faced by the engineers in the field today Furnished throughout with illustrations and case studies to clarify the notional and architectural approaches Includes a list of problems for each chapter to emphasize the important aspects of the topics covered Covers the current state of tactical networking as well as the future long term evolution of tactical wireless communications and networking in the next 50 years Written at an advanced level with scope as a reference tool for engineers and scientists as well as a graduate text for advanced courses

Translation technology has evolved quickly with a large number of translation tools available. In this revised addition, much content has been added about translating and engineering HTML and XML documents, multilingual web sites, and HTML-based online help systems. Other major changes include the addition of chapters on internationalizatoi, software quailty assurance, descktop publishing and localization supprort. There is a focus on translators who want to learn about localization ad translation technology.

Over the past decade, the world has witnessed an explosion in the development and deployment of new wireless network technologies. From cellular mobile telephony to the ubiquitous "WiFi networks in coffee-shops and airports, to the emerging WiMAX wireless broadband access networks, the menu of wireless access systems has become so comprehensive that wireline access to user devices may soon become a relic of the past. Wireless Networking serves as a one-stop view of cellular, WiFi, and WiMAX networks, as well as the emerging wireless ad hoc and sensor networks. Rather than provide descriptive accounts of these technologies and standards, the book emphasizes conceptual perspectives on the modeling, analysis, design and optimization of such networks. Furthermore, the authors present wireless networking within the unifying framework of resource allocation, using simple abstractions of the underlying physical wireless communication. In short, Wireless Networking is an in-depth, exhaustive, and invaluable asset to anyone working in this rapidly evolving field. Goes beyond descriptive and qualitative treatments, by presenting the foundations underlying the various wireless networking technologies Provides abstractions, models and analyses of established and emerging wireless networks, thereby supplying the reader with a conceptual and quantitative treatment, thus ensuring longevity of the learning from this material Aids comprehension by including over 120 figures, four appendices on the mathematics of the various models, several inline exercises, and extensive problem sets at the end of each chapter

Mac OS X Snow Leopard is the newest Mac operating system, with even better performance and more efficient use of hard drive space as well as cool features like MobileMe, the iWork productivity suite, and improved media technology. And Mac OS X Snow Leopard All-in-One For Dummies is your one-stop reference for all its features. Eight self-contained minibooks cover OS X basics, customizing and sharing your Mac, the digital hub, iWork, Internet features, networking, expanding your system, and advanced Mac OS X (for those with more techie inclinations). You'll learn to: Determine whether your hardware can handle upgrading to Snow Leopard Navigate Snow Leopard, find things with Spotlight, control your Mac with Front Row, and make backups Explore the digital hub and its applications: iPhoto, iMovie, iDVD, iTunes, GarageBand, QuickTime, and iWeb Create cool-looking documents with Pages, crunch numbers with Numbers, and build awesome slide presentations with Keynote Set up your Internet connection and e-mail, connect with iChat, sync up with MobileMe, and share large files via iDisk Build a wireless network with AirPort Extreme Keep your Snow Leopard happy with regular maintenance Mac OS X Snow Leopard All-in-One For Dummies also shows you a little of what's under the hood, in case you're interested in doing a little AppleScript programming or learning a bit more about UNIX. Whatever your level of involvement with OS X Snow Leopard, this complete guide covers what you need to know.

The 1980's saw the advent of widespread (and potentially damaging) computer virus infection of both personal computer and mainframe systems. The computer security field has been comparatively slow to react to this emerging situation. It is only over the last two years that a significant body of knowledge on the operation, likely evolution and prevention of computer viruses has developed. A Pathology of Computer Viruses gives a detailed overview of the history of the computer virus and an in-depth technical review of the principles of computer virus and worm operation under DOS, Mac, UNIX and DEC operating systems. David Ferbrache considers the possible extension of the threat to the mainframe systems environment and suggests how the threat can be effectively combatted using an antiviral management plan. The author addresses the latest developments in "stealth" virus operations, specifically the trend for virus authors to adopt extensive camouflage and concealment techniques, which allow viruses to evade both existing anti-viral software and to avoid detection by direct observation of machine behaviour. A Pathology of Computer Viruses addresses a distinct need - that of the computer specialist and professional who needs a source reference work detailing all aspects of the computer virus threat.

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