

Wireless Home Networking In Easy Steps 2nd Edition

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

If your household harbors more than one computer, you've probably wondered about home networking. Maybe you've gone so far as to start setting up a network and given up in frustration. Well, now you can relax. Home Networking All-In-One Desk Reference For Dummies has come to the rescue! A network will make your life easier, and Home Networking All-In-One Desk Reference For Dummies makes it easier to create one. It shows you how to choose the right hardware, add user accounts, get different operating systems to work together, secure your network, exchange files, add wireless devices, and even use Wi-Fi out in public. Seven individual, self-contained minibooks cover: What a network will do for you, including a low-tech explanation of how it works Choosing a network type that will work best for your needs, and planning what equipment you'll need Installing and configuring your computers and networking gear Upgrading your equipment with the manufacturer's updates The ins and outs of using particular versions of operating systems – Windows, Mac, and Linux – with your network Step-by-step directions on connecting to networks, sharing files and printers, checking connection status, and much more Discovering networking accessories and gadgets to get the most out of your network Finding and using Wi-Fi hotspots, plus setting up your own You'll even find troubleshooting tips to help find and fix common problems. Home Networking All-In-One Desk Reference For Dummies will be your personal network assistant!

Millions of computers around the world today are connected by the Internet, so why is it still so hard to hook up a few PCs in you own home? Whether you want to share an Internet connection, install WiFi, or maybe just cut down on the number of printers you own, home networks are supposed to help make your life easier. Instead, most aspiring home networkers get lost in a confusing maze of terms and technologies: 802.11g, Fast Ethernet, Cat 5 cable (or was it Cat 5e?), Powerline, and on and confusingly on. That's where Home Networking: The Missing Manual comes in. Using clear language, straightforward explanations, and a dash of humor, this book shows you how to do everything you need to set up a home network. Coverage includes: WiFi, Ethernet, or Powerline? There are several kinds of digital pipes that you can use to create your network, and none of them have friendly names. This book tells you what they are, explains the pros and cons of each, and helps you figure out what you need to buy, and how to install it. Windows and Mac info included. Half the battle in home networking takes place after you've bought your gear and plugged it in. That's because the routers, network adapters, and cables that you need get you only part way towards networking nirvana. Whether you've got PCs or Macs or both, you'll need help tweaking your computers' settings if you want to get all your machines talking to each other. This book covers most known operating system flavors, including Windows XP, 2000, Me, and 98, and Mac OS X and OS 9. Fun things to do with your network. The real fun starts once your network is up and running. This book shows you how to do much more than simply share an Internet connection and a printer. You'll learn how to stream music from your PCs to your stereo, how to display pictures on your TV, how to hook up game consoles to your network, and more! Most important, this book helps you understand the difference between what you need to know to create and use your home network and what's best left to those looking for a career as a system administrator. In Home Networking: The Missing Manual you'll find everything you need to get your network running—and nothing more.

Set up a secure network at home or the office Fully revised to cover Windows 10 and Windows Server 2019, this new edition of the trusted Networking For Dummies helps both beginning network administrators and home users to set up and maintain a network. Updated coverage of broadband and wireless technologies, as well as storage and back-up procedures, ensures that you'll learn how to build a wired or wireless network, secure and optimize it, troubleshoot problems, and much more. From connecting to the Internet and setting up a wireless network to solving networking problems and backing up your data—this #1 bestselling guide covers it all. Build a wired or wireless network Secure and optimize your network Set up a server and manage Windows user accounts Use the cloud—safely Written by a seasoned technology author—and jam-packed with tons of helpful step-by-step instructions—this is the book network administrators and everyday computer users will turn to again and again.

Networking For Dummies

Wi-Fi Home Networking Just the Steps For Dummies

How to Cheat at Securing a Wireless Network

Brilliant Home Networking for the Over 50s

The perennial bestseller shows you how share your files and Internet connection across a wireless network Fully updated for Windows 7 and Mac OS X Snow Leopard, this new edition of this bestseller returns with all the latest in wireless standards and security. This fun and friendly guide shows you how to integrate your iPhone, iPod touch, smartphone, or gaming system into your home network. Veteran authors escort you through the various financial and logistical considerations that you need to take into account before building a wireless network at home.

Covers the basics of planning, installing, and using wireless LANs Reviews essential information on the latest security issues Delivers valuable tips on how to stay current with fast-moving technology Discusses how to share resources such as printers, scanners, an Internet connection, files, and more with multiple computers on one network Wireless Home Networking For Dummies, 4th Edition skips the technical jargon and gets you connected with need-to-know information on building a wireless home network.

Make the most of your wireless network...without becoming a technical expert! This book is the fastest way to connect all your wireless devices, get great performance with everything from streaming media to printing, stay safe and secure, and do more with Wi-Fi than you ever thought possible! Even if you've never set up or run a network before, this book will show you how to do what you want, one incredibly clear and easy step at a time. Wireless networking has never, ever been this simple! Who knew how simple wireless networking could be? This is today's best beginner's guide to creating, using, troubleshooting, and doing more with your wireless network...simple, practical instructions for doing everything you really want to do, at home or in your business! Here's a small sample of what you'll learn:

- Buy the right equipment without overspending
- Reliably connect Windows PCs, Macs, iPads, Android tablets, game consoles, Blu-ray players, smartphones, and more
- Get great performance from all your networked devices
- Smoothly stream media without clogging your entire network
- Store music and movies so you can play them anywhere in your home
- Keep neighbors and snoopers out of your network
- Share the files you want to share-and keep everything else private
- Automatically back up your data across the network
- Print from anywhere in the house-or from anywhere on Earth
- Extend your network to work reliably in larger homes or offices
- Set up a "guest network" for visiting friends and family
- View streaming videos and other web content on your living room TV
- Control your networked devices with your smartphone or tablet
- Connect to Wi-Fi hotspots and get online in your car
- Find and log onto hotspots, both public and hidden
- Quickly troubleshoot common wireless network problems

Michael Miller is the world's #1 author of beginning computer books. He has written more than 100 best-selling books over the past two decades, earning an international reputation for his friendly and easy-to-read style, practical real-world advice, technical accuracy, and exceptional ability to demystify complex topics. His books for Que include Computer Basics Absolute Beginner's Guide; Facebook for Grown-Ups; My Pinterest; Ultimate Digital Music Guide; Speed It Up! A Non-Technical Guide for Speeding Up Slow PCs, and Googlepedia: The Ultimate Google Resource. Category: Networking Covers: Wireless Networking User Level: Beginning

A clear step by step guide for anyone who wants to set up a wireless network in the home. Takes you through the basics from the simplest computer to computer link to a fully fledged home network.

Wi-Fi Home Networking Just the Steps For Dummies is the way to go if you're ready to go wireless and install your own wireless home network. The book's easy-to-navigate design features two columns, with numbered step-by-step instructions on one side and corresponding illustrations, screen shots, or photos on the other. There's no fluff, just the vital stuff-Just The Steps you need to get up to speed fast. This guide covers common networking tasks, including: Setting up wireless access points and configuring your network Adding wireless devices to your network Activating Wi-Fi Security, managing firewalls, and preventing unauthorized network users You don't have to leave WI-Fi behind when you leave home; this practical reference tells you how to find public hotspots where you can use your Wi-Fi-equipped portable computer and how to network wirelessly with your pocket PC. It covers practical applications like creating a network bridge or adding wireless network storage, plus fun ways to use your tech toys to integrate and enhance your digital life, such as: Setting up a wireless media center so you can use a computer for streaming media, as a TV tuner, as a digital video recorder, or to integrate with your TV and home entertainment system Turning your pocket PC into a remote control Adding a wireless camera to your network Even if your current system with its cables, wires, and convoluted connections works, it's time to cut the cord. Going wireless gives you many advantages and new options. So take the first step-get this book.

The Missing Manual

From Principles to Successful Implementation

Wireless Home Networking Simplified

Wireless Networking with Microsoft Windows Vista

This book tackles all the common annoyances your network dishes up -- whether it's wired or wireless, Mac or PC. It guides you through common home networking glitches, including file sharing, printing, security, and more.

Fun projects and valuable content join forces to enable readers to turn their wireless home network into a high-performance wireless infrastructure capable of entertainment networking and even home automation Step-by-step instructions help readers find, buy, and install the latest and greatest wireless equipment The authors are home tech gurus and offer detailed discussion on the next-generation wireless gear that will move the wireless LAN beyond computers and into telephony, entertainment, home automation/control, and even automotive networking The number of wireless LAN users in North America is expected to grow from 4.2 million current users to more than 31 million by 2007

The Home Networking Conference 2007 provided an international technical forum for experts from industry and

academia everywhere in the world to exchange ideas and present results of ongoing researches in home networking. The IFIP series publishes state-of-the-art results in the sciences and technologies of information and communication. Proceedings and post-proceedings of referred international conferences in computer science and interdisciplinary fields are featured.

Explores the benefits of a home networking system--both wireless and wired--from the process of setting up through administration, with a special section on how readers can cable their home without destroying it.

Original. (All users)

Designing A Wireless Network

Home Networking Do-It-Yourself For Dummies

Home Networking All-in-One Desk Reference For Dummies

Wireless Networking Absolute Beginner's Guide

The beauty of a home network is that it can make life so easy--what could be better than sharing an Internet connection so everyone can be online at the same time? With home networking you can move files from one computer to another, share re print to a single printer or multiple printers from any computer in the house, and IM the kids when they're holed up in their r And the downside? Anyone who's ever had to troubleshoot a network glitch doesn't need to ask that question. The simple w can't I print? Why can't I get to the Internet? Why does my computer say 'Access Denied' today, when it worked fine yester enough to send the home network administrator running for cover. And the concept of "network security" can keep the sour sleeper tossing and turning all night. Currently, more than 8 million homes in the US have installed a network of some kind, and five years, that number is expected to jump to 37 million. This speaks to the availability of easy-to-install home networking p Unfortunately, there's also a glut of potential headaches that can occur after installation (and during, sometimes) with no w on the box saying, "This product sure to cause annoyances." But help is here. Home Networking Annoyances will ease the hea and annoyances of anyone who runs a home network. This book tackles all the common annoyances associated with running network--whether it's wired or wireless, or a combination thereof. Its friendly, off-the-cuff approach will put you in a positio over those home networking glitches, including file sharing, printing, cabling, security, and much more. You'll find dozens of o tips, workarounds, and fixes that will help you improve your home networking experience in every way possible. Whether you' mainstream business user or a home user with newly installed network hardware, you've probably had your patience tested b frustrating network maintenance issues. Take a stand against annoyances now: just as the bestselling PC Annoyances brought and happiness to PC users everywhere, Home Networking Annoyances is your ticket to serenity.

As the demand for higher bandwidth has lead to the development of increasingly complex wireless technologies, an understa both wireless networking technologies and radio frequency (RF) principles is essential for implementing high performance and effective wireless networks. Wireless Networking Technology clearly explains the latest wireless technologies, covering all sc wireless networking from personal (PAN) through local area (LAN) to metropolitan (MAN). Building on a comprehensive review underlying technologies, this practical guide contains 'how to' implementation information, including a case study that looks a specific requirements for a voice over wireless LAN application. This invaluable resource will give engineers and managers all necessary knowledge to design, implement and operate high performance wireless networks. · Explore in detail wireless netw technologies and understand the concepts behind RF propagation. · Gain the knowledge and skills required to install, use and troubleshoot wireless networks. · Learn how to address the problems involved in implementing a wireless network, including impact of signal propagation on operating range, equipment inter-operability problems and many more. · Maximise the efficien security of your wireless network.

The fast and easy way to build a home network Learn to set up your own wired or wireless home network quickly and easily step-by-step guide, Dr. Larry Long offers clear explanations of networking technologies and describes current and future hom networking applications. You'll learn to design your network, select the components, install any necessary wiring, connect to Internet, connect PCs to the network, set up security measures, and troubleshoot your network. Once you get your home ne and running, you'll be able take full advantage of everything it has to offer, such as shared resources including Internet acces and printers. Integrate digital home entertainment, play multiplayer games, and set up a virtual private network (VPN), voice o telephones, and other home networking applications. You'll also get details on how home networking can complement telewo with clear instructions and helpful illustrations and photos, Home Networking Demystified is your shortcut to setting up a co home network and enjoying the benefits of an e-home. This all-in-one book explains how to: Plan and design a home network intelligent consumer of home networking products and services Share resources, including an Internet connection, files, print videos, and images Secure, maintain, and troubleshoot your home network Set up digital entertainment features, VoIP telepho video surveillance, and telework via VPN Dr. Larry Long, author of more than 50 computer books including Personal Computing Demystified, had a home network 15 years before anyone used the term "home networking".

Provides step-by-step instructions on planning, installing, securing, optimizing, and troubleshooting a wireless home computer network.

Wireless Network Hacks and Mods For Dummies

How to Fix the Most Annoying Things About Your Home Network

Wireless Home Networking

Wireless Home Networking For Dummies

Brilliant Home Networking for the Over 50s is a visual quick reference book that shows you how to make the most of your home computers by networking them. It will give you a solid grounding on how choose the right network for you, how it works and how to get the best out of it – a complete reference for the older beginner and intermediate user who is less experienced and confident working with the technology. Just as one car isn't enough for most households, one computer isn't going to fulfill the needs of a family, older couple, or retired person. Setting up a wired or wireless home network is well within the reach of the average person over the age of 50 who hasn't grown up with the technology, provided he or she chooses the right setup for their needs. Brilliant Home Networking for the Over 50s will describe common network configurations and guide you step by step through the process of getting your PCs connected to the Internet and to each other. You'll learn the ins and outs of Ethernet, Wi-Fi, IP addresses, and file sharing. You'll discover how to go wireless so you can work from anywhere in the home. Finally, you'll explore ways to keep your network and your self and younger family users secure from hackers, viruses, and other threats. Brilliant Home Networking for the Over 50s provides... A visual tutorial taking you from networking novice to accomplished user in easy steps. A guide to optimising your use of a wired or wireless home network. making a more integral and essential part of you life.

Essential guidance on the vast array of software and peripheral hardware available to you, allowing you to make the right choices for how you want to work. A straightforward, graphic-based reference for securing your home network. Set up a firewall. Secure your wireless network. Stop adware and spyware. Keep your children safe from online threats. Prevent a virus outbreak. Avoid Internet scams. Phishing. Malware. Spyware. Trojan horses. Firewalls. Parental controls. If you have a home computer connected to the Internet, you need to understand these security terms. If that connection is high-speed (always on) or you run a wireless network, your need—your vulnerability—is that much greater. Now, with Home Network Security Simplified, you can get illustrated, easy-to-digest information written specifically for your needs. For each class of security threat, Home Network Security Simplified provides a tutorial—including tricks and tools that hackers use, a primer on network security design fundamentals, and step-by-step instructions on implementing security solutions. The authors also offer tips for monitoring your network and show what to do in the event of a security breach. Specifically, you will learn how to: Home Network Security Simplified features engaging four-color illustrations throughout, as well as informative security tips and pointers to other resources for more advanced information. Use this book to find the peace of mind that comes with knowing that your home network and your information are secure. Jim Doherty is the director of marketing and programs with Symbol Technologies' industry solutions group. Prior to joining Symbol, Jim worked at Cisco Systems, where he led various marketing campaigns for IP telephony and routing and switching solutions. Jim has 17 years of engineering and marketing experience across a broad range of networking and communications technologies. Jim is a coauthor of the Networking Simplified series, including Cisco Networking Simplified, Home Networking Simplified, and Internet Phone Services Simplified. He is also the author of the "Study Notes" section of CCNA Flash Cards and Exam Practice Pack (CCNA Self-Study, Exam #640-801), Second Edition. Jim is a former Marine Corps sergeant; he holds a bachelor's degree in electrical engineering from N.C. State University and a master's degree in business administration from Duke University. Neil Anderson is the senior manager of enterprise systems engineering at Cisco Systems. Neil has more than 20 years of engineering experience including public telephone systems, mobile phone systems, Internet, and home networking. At Cisco, Neil's focus is large corporate customers in the areas of routing and switching, wireless, security, and IP communications. Neil is a coauthor of the Networking Simplified series, including Home Networking Simplified and Internet Phone Services Simplified. Neil holds a bachelor's degree in computer science. This book is part of the Networking Technology Series from Cisco Press®, the only authorized publisher for Cisco Systems.

Wireless connectivity is now a reality in most businesses. Yet by its nature, wireless networks are the most difficult to secure and are often the favorite target of intruders. This book provides the busy network administrator with best-practice solutions to securing the wireless network. With the increased demand for mobile connectivity and the decrease in cost and in the time required for installation, wireless network connections will make up 20% of all corporate network connections by the end of 2006. With this increase in usage comes a commensurate increase in the network's vulnerability to intrusion. This book provides the typical network administrator with the basic tools and instruction they need to maintain a secure network while allowing acceptable access to users. · A practical product and technology specific guideline to securing a wireless networks for the busy System Administrator · Takes a simplified multi-layered approach into easily deployed plans for a straight forward understanding · Does not bog you down with history, but offers practical useful information for today

Networking has become commonplace in the home. In years past, it took a trained technician to set up and manage a computer network; that's not the case anymore. With more and more households having multiple PCs, there is an increased demand to network those PCs to share files, peripherals, and an Internet connection. And it's become much easier to create a home network, thanks to easier-to-use wireless networking technologies and equipment. The problem is setting up a wireless network can still be somewhat confusing, and often difficult. Even setting up a simple wireless network to share an Internet connection can be a frustrating trial-and-error process. What kind of wireless network should you choose -- 802.11a, b, g, or n? What equipment do you need? How do you configure all your computers to work on the network? How do you share a single printer on your network? The confusion continues when one considers the different issues related to different operating systems. Setting up a wireless network under Windows Vista is much different than setting up a similar network under Windows XP. Users are looking for simple answers to all these questions. Unfortunately, most networking books today are geared toward technology-savvy networking professionals. Where does the average user turn to for solutions to his wireless networking problems? The answer is this book --

Wireless Networking with Windows Vista. Introduction 1 Part I Planning Your Wireless Network 5 1 Why You Need a Wireless Network 7 2 How Wireless Networks Work 19 3 How Windows Vista Handles Wireless Networking 29 4 Designing Your Wireless Network—And Choosing Network Equipment 39 Part II Setting Up Your Wireless Network 63 5 Setting Up Your Wireless Network 65 6 Configuring and Managing Your Network Computers 81 7 Setting Up—And Sharing—A Wireless Internet Connection 107 8 Securing Your Wireless Network 119 Part III Using Your Wireless Network 137 9 Setting Up Multiple Users 139 10 Sharing Files and Folders 151 11 Sharing Music, Movies, and Other Digital Media 169 12 Sharing Printers and Other Peripherals 189 13 Connecting Game Devices to Your Wireless Network 203 Part IV Using Other Networks 213 14 Connection to Wi-Fi Hot Spots and Public Networks 215 15 Connecting to Corporate Networks 227 Part V Upgrading and Maintaining Your Wireless Network 239 16 Upgrading Your Wireless Network 241 17 Troubleshooting Wireless Network Problems 251 Glossary 265 Index 271

- Wireless Networking Technology
- Home Networking: The Missing Manual
- Home Networking Demystified
- Home Network Security Simplified

Provides information on wireless networking, covering such topics as 802.11 standards, hotspots, and setting up a wireless network.

Step by step guide to connecting all your electronic devices into one network A home network allows you to share Internet connections, photos, video, music, game consoles, printers, and other electronic gadgets. This do-it-yourself guide shows you step by step how to create a wired or wireless network in your home. In the For Dummies tradition of making technology less intimidating, Home Networking Do-It-Yourself For Dummies breaks down the process into easy steps with clear instructions. Increasing broadband speeds, cellular technology, the explosive growth of iPhone sales, and the new Home Group feature in Windows 7 all contribute to a booming interest in home networking This step-by-step guide walks do-it-yourselfers through the process of setting up a wired or wireless network with Windows 7 and Windows Vista Demonstrates how to connect desktops or laptops, printers, a home server, a router, high-speed Internet access, a video game system, a telephone line, and entertainment peripherals Shows how to share files, music, and video, and connect to an iPhone Provides maintenance and troubleshooting tips Home Networking Do-It-Yourself For Dummies enables you to take advantage of everything a home network can offer without hiring a technology wizard.

Business is on the move - mobile computing must keep up! Innovative technology is making the communication between computers a cordless affair. Mobile computing with laptops, hand helds and mobile phones is increasing the demand for reliable and secure wireless networks. Network engineers and consultants need to create and build cutting-edge wireless

networks in both the small business and multi-million dollar corporations. Designing Wireless Networks provides the necessary information on how to design and implement a wireless network. Beginning with detailed descriptions of the various implementations and architectures of wireless technologies and moving to the step-by-step instructions on how to install and deploy a fixed wireless network; this book will teach users with no previous wireless networking experience how to design and build their own wireless network based on the best practices of the Enhanced Services from Lucent Technologies.

*** Timely coverage of new technologies: Communication without cables is the future of networking * Advocates wireless networking solutions for any user, regardless of location, device or connection. * Written by Experts. The authors are leading WAN authorities at Lucent Technologies. * No previous wireless experience is assumed, however, readers should have a basic understanding of networking and TCP/IP protocols**

·Describes the costs, benefits and necessity of networking ·Reviews software networking tools that save money for small-time operators ·Summarizes business expenses and savings to help a prospective user choose their office setup ·Offers criteria for deciding on distribution media ·Compares wireless versus wired connections ·Includes important, practical information about security, viruses, and backing up

Home Networking Survival Guide

First IFIP WG 6.2 Home Networking Conference (IHN'2007), Paris, France, December 10-12, 2007

Home Networking

Wireless home networks are better than ever! The emergence of new industry standards has made them easier, more convenient, less expensive to own and operate. Still, you need to know what to look for (and look out for), and the expert guidance you'll find in *Wireless Home Networks For Dummies*, 3rd Edition helps you ensure that your wire-free life is also a hassle-free life! This user-friendly, plain-English guide delivers all of the tips, tricks, and knowledge you need to plan your wireless home network, evaluate and select the equipment that will work best for you, install and configure your wireless network, and much more. You'll find out how to share your Internet connection over your network, as well as files, printers, and other peripherals. And, you'll learn how to avoid the "gotchas" that can creep in when you least expect them. Discover how to: Choose the right networking equipment Install and configure your wireless network Integrate Bluetooth into your network Work with servers, gateways, routers, and switches Connect audiovisual equipment to your wireless network Play wireless, multiuser computer games Establish and maintain your network's security Troubleshoot networking problems Improve network performance Understand 802.11n Whether you're working with Windows PCs, Mac OS X machines, or both *Wireless Home Networking For Dummies*, 3rd Edition, makes it fast and easy to get your wireless network up and running—and keep it that way!

Get hooked up without getting tangled up in cords, wires, cables or techno mumbo. With *Wireless Home Networking For Dummies*, you can go wireless without going mad. It shows you how to plan, install, secure, and use a wireless home network for PCs or Macs. See how easy it is to share your Internet connection, files, folders, printers, and other peripherals. Put your gaming console on your wireless network and play multiuser computer games—even online. With lots of helpful diagrams, screen shots, and step-by-step instructions, this guide: Gives you the info you need to make wise wireless buying and connecting decisions Covers the latest security issues and hardware as well as today's wireless standards, including Wi-Fi/802.11 (a, b, g, e, and i), Bluetooth, UWB (Universal Wide Band), WiMAX, and ZigBee Tells you how to use an inexpensive networking kit to connect your gaming console to a broadband Internet connection and speed up your commands; that's often a matter of virtual life and death Discusses alternatives to wireless networking, including Bluetooth, HPNA, and Home Plug Learn how to network your entertainment center for all kinds of options. Whether you have a \$300 TV set or a \$25,000 home theater system, you can wireless enable almost any type of A/V equipment. Then you can use your PC to store audio and video tracks for playback on your TV and through your stereo, stream movies from the Internet and play them on your big screen, load pictures from your digital camera on your PC and view them on the TV, and more. This book will show you how to make your home entertainment system much more entertaining, with: Info on plugging into wireless with wireless A/V adapters The latest on wireless media servers like the Sonos Music System The scoop on the ultimate home theater PC (HTPC) that plays CDs and DVDs, acts as a PVR (personal video recorder); lets you play video games on the big screen, and more Tips for buying wireless bridges, along with some specific products and their Web sites Find out about how to go wireless wherever you go, with info on public wireless hot spots and types of free and for-pay networks. Delve into the whole-home wireless revolution and see how you can add smart home devices to your network, connect to your car or your home security video monitors, use your cell phone as a remote control, and more. *Wireless Home Networking For Dummies* even gives you a look into the not-so-distant future and the wireless wonders in the works!

This book, suitable for IS/IT courses and self study, presents a comprehensive coverage of the technical as well as business/management aspects of mobile computing and wireless communications. Instead of one narrow topic, this classroom tested book covers the major building blocks (mobile applications, mobile computing platforms, wireless networks, architectures, security, and management) of mobile computing and wireless communications. Numerous real-life case studies and examples highlight the key points. The book starts with a discussion of m-business and m-government initiatives and examines mobile computing applications such as mobile messaging, m-commerce, M-CRM, M-portals, M-SCM, mobile agents, and sensor applications. The role of wireless Internet and Mobile IP is explained and the mobile computing platforms are analyzed with a discussion of wireless middleware, wireless gateways, mobile application servers, WAP, i-mode, J2ME, BREW, Mobile Internet Toolkit, and Mobile Web Services. The wireless networks are discussed at length with a review of wireless communication principles, wireless LANs with emphasis on 802.11 LANs, Bluetooth, wireless sensor networks, UWB (Ultra Wideband), cellular networks ranging from 1G to 5G, wireless local loops, FSO (Free Space Optics), satellites communications, and deep space networks. The book concludes with a review of the architectural, security, and management/support issues and their role in building, deploying and managing wireless systems in modern settings.

Wireless Home Networking For Dummies John Wiley & Sons

Absolute Beginner's Guide to Wi-Fi Wireless Networking

Mobile Computing and Wireless Communications

How to Do Everything with Windows XP Home Networking

Home Networks Monthly Newsletter

Wireless home networks are better than ever! The emergence of new industry standards has made them easier, more convenient, less expensive to own and operate. Still, you need to know what to look for (and look out for), and the expert guidance you'll find in *Wireless Home Networks For Dummies*, 3rd Edition helps you ensure that your wire-free life is also a hassle-free life! This

user-friendly, plain-English guide delivers all of the tips, tricks, and knowledge you need to plan your wireless home network, evaluate and select the equipment that will work best for you, install and configure your wireless network, and much more. You'll find out how to share your Internet connection over your network, as well as files, printers, and other peripherals. And, you'll learn how to avoid the "gotchas" that can creep in when you least expect them. Discover how to:

- * Choose the right networking equipment
- * Install and configure your wireless network
- * Integrate Bluetooth into your network
- * Work with servers, gateways, routers, and switches
- * Connect audiovisual equipment to your wireless network
- * Play wireless, multiuser computer games
- * Establish and maintain your network's security
- * Troubleshoot networking problems
- * Improve network performance

Whether you're working with Windows PCs, Mac OS X machines, or both *Wireless Home Networking For Dummies, 3rd Edition*, makes it fast and easy to get your wireless network up and running—and keep it that way!

Get clear, easy-to-follow advice for setting up your own home network using this step-by-step guide. Learn to network your computer to your printer, connect your PC to your stereo, share Internet access, and much more with this jargon-free manual. Filled with fun, survival-themed icons, you'll easily navigate through each chapter and find helpful information on basic concepts, potential problems, troubleshooting, and future developments, for a variety of home networking topics.

An all-in-one guide that covers every angle of home wireless networking from product selection to implementation and maintenance, this book covers XP and has full chapters on security, troubleshooting, and adding servers.

Wireless Home Networking Simplified The full-color, fully illustrated, simple guide to wireless home networking Step-by-step instructions: Plan, install, secure, optimize, and troubleshoot your wireless network Discover all the fun things you can do with your wireless network Jim Doherty Neil Anderson Using today's wireless networks, you can save money, become more productive, and even have more fun! Now, there's an easy, fully illustrated step-by-step guide to wireless networking for your home: *Wireless Home Networking Simplified*. This plain-English guide teaches you everything you need to know to set up a wireless network at home, even if you do not have a technical background. You'll find simple, easy-to-follow guidance on selecting the right equipment, installing your network devices properly, connecting to the Internet, safeguarding your information, fixing problems, and much more. Understand how wireless home networks work Compare today's wireless standards, and choose the right one for you Design your wireless network for maximum convenience, reliability, and simplicity Secure your network, step by step—and keep it secure Troubleshoot failed connections, poor coverage, and slow performance Temporarily allow guests onto your network without exposing your data Use your network to listen to music, view video, and play video games anywhere in your home Preview and prepare for tomorrow's wireless technologies *Wireless Home Networking Simplified* cuts through the confusion, demystifies the technologies, and helps you make the most of wireless... quickly, simply, painlessly. This book is part of the Networking Technology Series from Cisco Press®, the only authorized publisher for Cisco Systems®. Category: Networking Covers: Home Networking

Wireless Home Networking in Easy Steps

Home Networking Annoyances

Home Networking For Dummies

Applications, Networks, Platforms, Architectures, and Security

Network the computers and peripheral devices in your home or small office easily with help from this hands-on guide. How to Do Everything with Windows XP Home Networking explains, step-by-step, how to select the best components for your needs, set up a wired or wireless network, share an Internet connection, printer, and other resources, secure your network, and fight spam, viruses, and other potential threats. Get the book that makes it easy to design your own home network.

Having a network in your home increases work efficiency and minimizes confusion. If you want to set up a network in your home but you're not quite sure where to start, then Home Networking for Dummies makes it easy for you to become your household's network administrator. Now fully updated with information on the newest technology in networking available, this quick and to-the-point walkthrough will show you how to install Web connections in your entire home, whether by wires, cables, or WiFi. This resourceful guide illustrates: Planning and installing your network The differences between Ethernet cable, phone lines, and wireless technology Configuring computer sharing Setting up and managing users Installing, managing, and troubleshooting the network printer Understanding UNC format, mapping drives, and traveling on the network Working with remote files Securing your network from viruses, spyware, and other baddies Along with the basics, this book introduces fun ways to use your network, including sharing music, keeping shopping lists, creating photo albums, setting up a family budget, and instant messaging. It also provides ways to keep your network safe for kids, such as talking to your child about the Internet, creating site filters, and ISP E-mail filtering features. With this trusty guide your home will be fully connected and you'll be working more efficiently in no time!

This much-needed book describes the digital home networking environment, its techniques, and the challenges around its service architecture. It provides a broad introduction to state-of-the-art digital home standards and protocols, as well as in-depth coverage of service architectures for entertainment and domestic services involving digital home resources. Topics include networking, remote access, security, interoperability, scalability, and quality of service. Notably, the book describes the generic architecture that was proposed and developed in the context of the EUREKA/Celtic research project Feel@Home. Finally, there is a guide to home networking that was written for true beginners! The Absolute Beginner's Guide to Home Networking goes far beyond traditional printer or Internet sharing and is geared to help you understand home network types and concepts, install, configure and interconnect various types of wired and wireless networks. This easy-to-understand guide

will help you achieve the desired goals of entertainment, information access and home security control with Windows, MacOS and Linux-based systems. Soon you will learn to share and enhance entertainment and even integrate business network hardware with a home network to exploit telecommuting, work-from-home and remote education opportunities.

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Absolute Beginner's Guide to Home Networking

Complete Wireless Home Networking

Home Networks