

Linksys Wireless G 24 Ghz Broadband Router User Guide

Maximum PC is the magazine that every computer fanatic, PC gamer or content creator must read. Each and every issue is packed with punishing product reviews, insightful and innovative how-to stories and the illuminating technical articles that enthusiasts crave.

The two-volume set LNAI 7629 and LNAI 7630 constitutes the refereed proceedings of the 11th Mexican International Conference on Artificial Intelligence, MICAI 2012, held in San Luis Potosí, Mexico, in October/November 2012. The 80 revised papers presented were carefully reviewed and selected from 224 submissions. The second volume includes 40 papers focusing on soft computing. The papers are organized in the following topical sections: natural language processing; evolutionary and nature-inspired metaheuristic algorithms; neural networks and hybrid intelligent systems; fuzzy systems and probabilistic models in decision making.

Scaling Networks Companion Guide is the official supplemental textbook for the Scaling Networks course in the Cisco® CCNA® Academy® This course describes the architecture, components, and operations of routers and switches in a large and complex network. You will learn how to configure routers and switches for advanced functionality. By the end of this course, you will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, STP, and VTP in both IPv4 and IPv6 networks. You will also develop the knowledge and skills needed to implement DHCP and DNS operations in a network. The Companion Guide is designed as a portable desk reference to use anytime, anywhere to reinforce the material from the course and organize your time. The book's features help you focus on important concepts to succeed in this course: Chapter objectives—Review core concepts by answering the focus questions listed at the beginning of each chapter. Key terms—Refer to the lists of networking vocabulary introduced and highlighted in context in each chapter. Glossary—Consult the comprehensive Glossary with over 180 terms. Summary of Activities and Labs—Maximize your study time with this complete list of all associated practice exercises at the end of each chapter. Check Your Understanding—Evaluate your readiness with the end-of-chapter questions that match the style of questions you see in the online course quizzes. The answer key explains each answer. Related Title: Scaling Networks Lab Manual ISBN-13: 978-1-58713-325-1 ISBN-10: 1-58713-325-3 Interactive Activities—Reinforce your understanding of topics with all the different exercises from the online course identified throughout the book with this icon. Videos—Watch the videos embedded within the online course. Packet Tracer Activities—Explore and visualize networking concepts using Packet Tracer exercises interspersed throughout the chapters. Hands-on Labs—Work through all the course labs and Class Activities that are included in the course and published in the separate Lab Manual.

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

Switched Networks Companion Guide is the official supplemental textbook for the Switched Networks course in the Cisco® Networking Academy® CCNA® Routing and Switching

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curriculum. This course describes the architecture, components, and operations of a converged switched network. You will learn about the hierarchical network design model and how to configure a switch for basic and advanced functionality. By the end of this course, you will be able to troubleshoot and resolve common issues with Virtual LANs and inter-VLAN routing in a converged network. You will also develop the knowledge and skills needed to implement a WLAN in a small-to-medium network. The Companion Guide is designed as a portable desk reference to use anytime, anywhere to reinforce the material from the course and organize your time. The book's features help you focus on important concepts to succeed in this course: Chapter objectives—Review core concepts by answering the focus questions listed at the beginning of each chapter. Key terms—Refer to the lists of networking vocabulary introduced and highlighted in context in each chapter. Glossary—Consult the comprehensive Glossary more than 300 terms. Summary of Activities and Labs—Maximize your study time with this complete list of all associated practice exercises at the end of each chapter. Check Your Understanding—Evaluate your readiness with the end-of-chapter questions that match the style of questions you see in the online course quizzes. The answer key explains each answer. Related Title: Switched Networks Lab Manual ISBN-10: 1-58713-327-X ISBN-13: 978-1-58713-327-5 How To—Look for this icon to study the steps you need to learn to perform certain tasks. Interactive Activities—Reinforce your understanding of topics with all the different exercises from the online course identified throughout the book with this icon. Videos—Watch the videos embedded within the online course. Packet Tracer Activities—Explore and visualize networking concepts using Packet Tracer exercises interspersed throughout the chapters. Hands-on Labs—Work through all the course labs and Class Activities that are included in the course and published in the separate Lab Manual.

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-

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so-distant future and the wireless wonders in the works!

Without complicated "owners manual" jargon, ARRL's VHF Digital Handbook presents the material through a unique how-to approach and friendly, conversational style. Readers will understand how to set up and operate their equipment and software, and make the best use of their VHF digital station.--Book cover.

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.

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

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Mac OS X Unwired introduces you to the basics of wireless computing, from the reasons why you'd want to go wireless in the first place, to setting up your wireless network or accessing your wireless services on the road. The book provides a complete introduction to all the wireless technologies supported by Mac OS X, including Wi-Fi (802.11b and g), infrared, Bluetooth, CDMA2000, and GPRS. You'll learn how to set up your first wireless network and how use the Mac OS X software that supports wireless, such as iSync, iChat, and Rendezvous. You'll also get a good understanding of the limitations and liabilities of each wireless technology. Other topics covered in the book include: Using wireless at home, in the office, or on the road Connecting to wireless hotspots Wireless Security Mac OS X Unwired is a one-stop wireless information source for technically savvy Mac users. If you're considering wireless as an alternative to cable and DSL, or using wireless to network computers in your home or office, this book will show you the full-spectrum view of wireless capabilities of Mac OS X, and how to get the most out of them.

Even if you aren't a networking professional, Upgrading and Repairing Networks explains those tough networking concepts in a way that won't make you reach for a bottle of aspirin. Now in its fourth edition, this industry classic networking reference spills the guts on confusing networking architectures and protocols, and helps you track down and repair networking bugaboos that are costing you and/or your company money - right now. Don't be the only networking professional caught in a network meltdown without a copy of this trusty tome at your side. The CD contains a host of invaluable tools to help troubleshoot and repair a network, in addition to a virtual library of networking and PC troubleshooting and repair books from Que!

This book de-mystifies the technology behind video conferencing and provides single users and small enterprises with the information they need to deploy video conferencing efficiently and cost effectively. For many years, the promise of high quality, low cost video conferencing has been an attractive solution for businesses interested in cutting travel costs while maintaining the benefits of face-to-face contact. Unfortunately, most solutions never lived up to the promise, due primarily to lack of internet bandwidth and poorly developed protocols. That's no all changed. The capacity has been created, the hardware works, and businesses are more eager than ever to cut down on travel costs. * Budget conscious methods for deploying Video over IP in small to medium enterprises * Coverage of Cisco, Microsoft, Skype, AOL, Google, VidiTel and many other products * How to identify and resolve nagging quality of service issues such as transmission delays and out of synch video-to-voice feeds

This book will teach the reader how to make the most of their WRT54G series hardware. These handy little inexpensive devices can be configured for a near endless amount of networking tasks. The reader will learn about the WRT54G's hardware components, the different third-party firmware available and the differences between them, choosing the firmware that is right for you, and how to install different third-party firmware distributions. Never before has this hardware been documented in this amount of detail, which includes a wide-array of photographs and complete listing of all WRT54G models currently available, including the WRTSL54GS. Once this foundation is laid, the reader will learn how to implement functionality on the WRT54G for fun projects, penetration testing, various network tasks, wireless spectrum analysis, and

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more! This title features never before seen hacks using the WRT54G. For those who want to make the most out of their WRT54G you can learn how to port code and develop your own software for the OpenWRT operating system. Never before seen and documented hacks, including wireless spectrum analysis Most comprehensive source for documentation on how to take advantage of advanced features on the inexpensive wrt54g platform Full coverage on embedded device development using the WRT54G and OpenWRT

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The use of digital surveillance technology is rapidly growing as it becomes significantly cheaper for live and remote monitoring. The second edition of Digital Video Surveillance and Security provides the most current and complete reference for security professionals and consultants as they plan, design, and implement surveillance systems to secure their places of business. By providing the necessary explanations of terms, concepts, and technological capabilities, this revised edition addresses the newest technologies and solutions available on the market today. With clear descriptions and detailed illustrations, Digital Video Surveillance and Security is the only book that shows the need for an overall understanding of the digital video surveillance (DVS) ecosystem. Highly visual with easy-to-read diagrams, schematics, tables, troubleshooting charts, and graphs Includes design and implementation case studies and best practices Uses vendor-neutral comparisons of the latest camera equipment and recording options

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"This book offers a comprehensive and integrated approach to telemedicine by collecting E-health experiences and applications from around the world and by exploring new developments and trends in medical informatics"--

Illustrates how to be more efficient in online ventures by making Internet applications behave, getting the most out of online services, stopping spam and pop-up ads, with additional chapters that include searching, security, digital music and email. Original. (Intermediate)

For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

Explains how to set up a library for wireless networking, including the reasons to do it, equipment and installation, and troubleshooting.

Singapore's leading tech magazine gives its readers the power to decide with its informative articles and in-depth reviews.

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