

1. Record Nr.	UNINA9910783515403321
Autore	Lewis Barry
Titolo	Wireless networks for dummies [[electronic resource] /] / by Barry Lewis and Peter T. Davis
Pubbl/distr/stampa	Hoboken, NJ, : Wiley Pub., c2004
ISBN	0-7645-7977-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (410 p.)
Collana	--For dummies
Altri autori (Persone)	DavisPeter T
Disciplina	004.6/8
Soggetti	Wireless LANs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	<p>Wireless Networks For Dummies; About the Author; Dedication; Author's Acknowledgments; Contents at a Glance; Table of Contents; Introduction; About This Book; How to Use This Book; How This Book Is Organized; Icons Used in This Book; Where to Go from Here; Part I: Planning and Acquiring Your Network; Chapter 1: Removing the Tethers: Entering the Wireless World; Understanding the Risks and Rewards of Going Wireless; Applications of Wireless Networks; Sorting Out the Nets: Do I Need a WPAN, WLAN, or WMAN?; Using Wireless Networks; Turning a Notion into a Network</p> <p>Convergence of Wireless Technologies - What Will the Future Hold?</p> <p>Chapter 2: If You Fail to Plan, You Plan to Fail; Evaluating Your Wireless Needs; Preparing for a Site Survey; Using Site Survey Equipment to Get It Right; Doing That Site Survey; Describing Your Final Plan in a Site Survey Report; Chapter 3: Matching Wireless Technologies to Your Plan; Choosing the Right Networking Hardware; Are You Being Served? IBSS, BSS, and ESS; Selecting the Wireless Mode; Gearing Up to Send and Receive Signals; Understanding and Using Layer 2 and 3 Concepts; Part II: Implementing Your Wireless Network</p> <p>Chapter 4: Getting a Quick Start with Wireless Personal Area NetworksUnderstanding IrDA; Understanding Bluetooth; IrDA and Bluetooth Comparison; Chapter 5: Moving On to a Wireless LAN: Your Wireless Access Point; Parts Is Parts - Do You Have Them All?; Connecting and Configuring Your Access Point; Initial Setup and Testing; Turning Off the Defaults; Testing the Signal; Chapter 6:</p>

Connecting Your Clients; Adding Hardware to the PC; Installing the Wireless Hardware; Configuring the Client's Operating System; Making Sure the Connection Works; Chapter 7: Building the Multi-Zone Network

Roaming Around with a Wireless MachineLoad Balancing - Are All Zones Used Equally?; Chapter 8: Using Wireless on the Road to Connect to the Office; Spontaneous Communities: Ad Hoc Networks; Wi-Fi Warriors on the Road; E-Mailing Wirelessly with Microsoft Exchange; Wireless Hot Spots: What's New Around the World?; Part III: Using Your Network Securely; Chapter 9: Considering a Deadbolt: Understanding the Risks of Wireless Networks; Risks to the Network; Risks to Your Users; Risks to Your Data; Chapter 10: Designing a Secure Network; Security as a Cost of Doing Business

Developing a Security ArchitectureDeveloping a Wireless Security Policy; Developing Wireless Security Standards; Developing Wireless Security Best Practices; Managing Your Wireless Security Policy; Designing a Secure Network; Performing a Risk Analysis; Chapter 11: Maintaining Network Security; Understanding Security Mechanisms; Three States of Authentication; Protecting Privacy; Protecting Message Integrity; Filtering the Chaff; Using Encryption; Protecting WEP Keys; Using Port Authentication; Chapter 12: Secure Wireless Access with Virtual Private Networking; Secure Access with a VPN

Deploying VPNs in WLANs

---

#### Sommario/riassunto

You've probably heard the expression, "It's time to cut the cord." Well, it may be time to "cut the cables" at your office and free yourself from your desk and computer. Wireless networks are the waves of the future-literally. *Wireless Networks For Dummies* guides you from design through implementation to ongoing protection of your system and your information so you can:Remain connected to the office in airports and hotelsAccess the Internet and other network resources in the lunchroom, conference room, or anywhere there's an access pointUse your PDA or lapt

---