

1. Record Nr.	UNINA9910454288503321
Autore	Ross John <1947->
Titolo	Network know-how [[electronic resource]] : an essential guide for the accidental admin // by John Ross
Pubbl/distr/stampa	San Francisco, : No Starch Press, c2009
ISBN	1-59327-230-8
Edizione	[1st edition]
Descrizione fisica	1 online resource (292 p.)
Disciplina	004.6
Soggetti	Home computer networks Computer networks - Management Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Acknowledgments; Introduction; 1: How a Network Will Improve Your Life; What's a Network?; Sneakernet; Data Networks and What You Can Do with Them; File Sharing; Sharing an Internet Connection; Instant Messages; Sharing Printers and Other Hardware; Home Entertainment; Video Cameras and Home Security Devices; Home Automation; 2: Types of Network Connections; Packets and Headers; Error Checking; Handshaking and Overhead; Ethernet; Wi-Fi; Powerline Networks; Other Alternative Wiring Methods; DTE and DCE Equipment; Point-to-Point Networks; Ad Hoc Wi-Fi; Infrared; FireWire (IEEE 1394) Connections Through a Telephone Line Remote Terminals; Clients and Servers; 3: Hubs, Switches, and Routers; Hubs and Switches; Hubs; Switches; LANs and WANs; Bridges and Routers; Combination Boxes; 4: How Computer Networks Are Organized; TCP/IP Networks; Names and Addresses; Network Tools; IPConfig; ifconfig; ping; TraceRoute; 5: Designing Your Network; Identifying Current and Future Nodes; The Control Center; Home Run Wiring; Trunks and Branches: Using Secondary Switches; What About Wi-Fi?; 6: Installing the Network Control Center and Ethernet Cables Connectors, Wall Plates, and Surface Boxes Ethernet Cable; Pushing Cable Through Walls; The Control Center; AC Power; Modems, Routers, and Switches; Adding a DSL or Cable Connection; Terminating the Network Cables; Adding a Telephone; Tabletop Control Centers for

Small Networks; 7: Ethernet Network Interfaces; Built into the Motherboard; Setting the BIOS Utility; Adding a Network Interface to an Old Computer; Internal Expansion Cards; USB Adapters; Network Adapters for Laptops; Finding the Driver Software for Your Adapter; Status Lights on Network Adapters; 8: Wi-Fi Networks
Types of Wi-Fi Networks
Operating Channels; Access Points; Network Interface Adapters; Adapters Built into Laptops; PC Cards; USB Adapters; PCI Cards; Antennas; Wi-Fi Control Programs; Access Point Configuration Programs; Wireless Connection Programs; Hybrid (Wired-Wireless) Networks; Wi-Fi Security; 9: File Servers; Choosing a Computer to Use as a File Server; Windows, Mac, Linux, or . . . ?; Using a Server for File Storage; Using Network-Attached Storage; USB Device Servers; Apple's AirPort Extreme; Backing Up Files to a Server; The Windows Backup Program; Macintosh Backup Programs
Linux and Unix Backups
Using a Server at Home; 10: Connecting Your Network to the Internet; The Internet: From the Cloud to You; The Modem; The Gateway Router; Individual Computers; Configuring the Network Gateway; Summary; 11: Connecting Your Computer to a Network; Connecting Your Windows Computer to a Network; Creating a New Network Profile; Changing Your Computer's Network Settings; Connecting Your Macintosh Computer to a Network; Connecting Your Linux or Unix Computer to a Network; Summary; 12: Sharing Files Through Your Network; File Sharing in Windows XP; Level 1; Level 2; Level 3
Level 4

Sommario/riassunto

"Network Know-How is your guide to connecting your machines, filled with practical advice that will show you how to get things done. You'll learn the nitty-gritty of network setup, design, and maintenance, from running cables and placing wireless access points to configuring file sharing and printing. This practical and comprehensive guide will teach you how to implement security, create intranets, and more."--Jacket.
