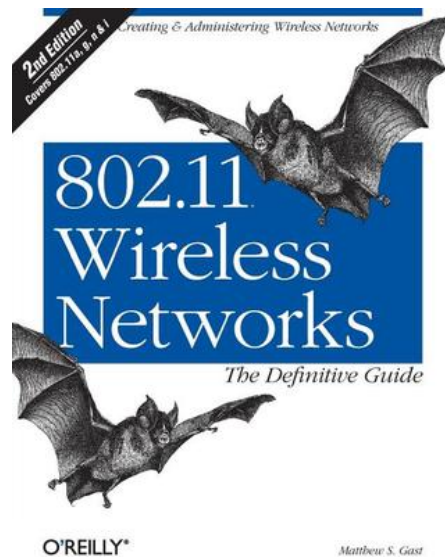




802.11 Wireless Networks: The Definitive Guide

Matthew S. Gast

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As we all know by now, wireless networks offer many advantages over fixed (or wired) networks. Foremost on that list is mobility, since going wireless frees you from the tether of an Ethernet cable at a desk. But that's just the tip of the cable-free iceberg. Wireless networks are also more flexible, faster and easier for you to use, and more affordable to deploy and maintain.

The de facto standard for wireless networking is the 802.11 protocol, which includes Wi-Fi (the wireless standard known as 802.11b) and its faster cousin, 802.11g. With easy-to-install 802.11 network hardware available everywhere you turn, the choice seems simple, and many people dive into wireless computing with less thought and planning than they'd give to a wired network. But it's wise to be familiar with both the capabilities and risks associated with the 802.11 protocols. And *802.11 Wireless Networks: The Definitive Guide*, 2nd Edition is the perfect place to start.

This updated edition covers everything you'll ever need to know about wireless technology. Designed with the system administrator or serious home user in mind, it's a no-nonsense guide for setting up 802.11 on Windows and Linux. Among the wide range of topics covered are discussions on:

- deployment considerations
- network monitoring and performance tuning
- wireless security issues
- how to use and select access points
- network monitoring essentials
- wireless card configuration
- security issues unique to wireless networks

With wireless technology, the advantages to its users are indeed plentiful. Companies no longer have to deal with the hassle and expense of wiring buildings, and households with several computers can avoid fights over who's online. And now, with *802.11 Wireless Networks: The Definitive Guide*, 2nd Edition, you can integrate wireless technology into your current infrastructure with the utmost confidence.

802.11 Wireless Networks: The Definitive Guide Details

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Kam Yung Soh says

A must-read if you want to dig into the internals of the IEEE 802.11 (WiFi) standard.

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Though old enough to witness how much the 802.11 evolved since 2002, the book stays incredibly useful. The parts we know changed (802.11i, WEP) are cautiously explained as well as the why of their weaknesses. A must-read that age as only improved, and a good introduction to its most recent edition!
