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## 802.11 Wireless Networks: Security and Analysis (Hardback)

By Alan Holt, Chi-Yu Huang

Springer London Ltd, United Kingdom, 2010. Hardback. Condition: New. 2010. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This book is about wireless local area networks (WLANs) based upon the IEEE 802.11 standards. It has three primary objectives: \* To introduce the principles of 802.11 wireless networks and show how to configure equipment in order to implement various network solutions. \* To provide an understanding of the security implications of wireless networks and demonstrate how vulnerabilities can be mitigated. \* To introduce the underlying 802.11 protocols and build mathematical models in order to analyse performance in a WLAN environment. The book is aimed at industry professionals as well as undergraduate and graduate level students. It is intended as a companion for a university course on wireless networking. A practical approach is adopted in this book; examples are provided throughout, supported by detailed instructions. We cover a number of wireless vendors; namely, Cisco's Aironet, Alcatel-Lucent's Omniaccess and Meru Networks. While separate vendors, all three systems have a Cisco IOS-like command-line interface. The GNU/Linux operating system is used extensively throughout this book.



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