

1. Record Nr.	UNINA9910965865703321
Autore	Prasad Anand
Titolo	802.11 WLANs and IP networking : security, QoS, and mobility // Anand R. Prasad, Neeli R. Prasad
Pubbl/distr/stampa	Boston, : Artech House, c2005
ISBN	9781580537902 1580537901
Edizione	[1st ed.]
Descrizione fisica	1 online resource (340 p.)
Collana	Artech House universal personal communications series
Altri autori (Persone)	PrasadNeeli
Disciplina	004.6/8
Soggetti	IEEE 802.11 (Standard) Wireless LANs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	802.11 WLANs and IP Networking Security, QoS, and Mobility; Contents vii; Preface xix; Acknowledgments xxi; Chapter 1 Introduction 1; Chapter 2 Market and Business Cases 33; Chapter 3 IEEE 802.11 49; Chapter 4 Security 95; Chapter 5 Quality of Service 147; Chapter 6 Roaming, Handover, and Mobility 187; Chapter 7 WLAN Deployment and Mobile Integration 231; Chapter 8 Future Generation Communications 273; List of Abbreviations 301; About the Authors 313; Index 315
Sommario/riassunto	Fully addressing the most critical WLAN and Wireless IP issues in the industry today, this practical new resource focuses on the areas of security, mobility, and QoS improvement. The book gives you a solid understanding of IEEE 802.11 standards and presents solutions discussed by the IEEE 802.11 standardization committee, including those that can be provided at the IP layer. Moreover, the book provides guidance on deployment, insights on interworking with 3G mobile communications systems, and discussions on the market and business aspects of WLANs. From basic WLAN and Wireless IP concepts and the current status of IEEE 802.11, to WLAN deployment and integration with GPRS and UMTS and the future role of WLAN in beyond 3G and 4G systems, this authoritative reference presents a thorough overview of the key issues and possible solutions for WLANs from layer-1 to layer-

3 and higher protocol layers, wherever necessary. The book is generously supported with over 120 illustrations.
