1. Record Nr. UNINA9910451053903321 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,, ©2005 [Piscatagay, New Jersey]:,: IEEE Xplore,, [2005] **ISBN** 1-58053-790-1 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 Electronic books. 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 Fully addressing the most critical WLAN and Wireless IP issues in the Sommario/riassunto 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.