

1. Record Nr.	UNINA9910780483203321
Autore	Prasad Ramjee
Titolo	WLANs and WPANs towards 4G wireless // Ramjee Prasad and Luis Muanoz
Pubbl/distr/stampa	Boston, Massachusetts : , : Artech House, , 2003 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2003]
ISBN	1-58053-614-X
Descrizione fisica	1 online resource (268 p.)
Collana	Artech House universal personal communications series
Altri autori (Persone)	MuanozLuis
Disciplina	004.6/8
Soggetti	Wireless LANs Extranets (Computer networks)
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	3G and Its Interworking with WLAN -- TCP/IP Protocol Stack -- Fundamentals of WLAN -- Behavior of the TCP-UDP/IP Protocol Stack over the IEEE 802.11b -- WPANs -- Paving the Way for 4G Systems.
Sommario/riassunto	Explore the present and future trends of WLANs and WPANs with this new, forwarding looking resource. You discover the path that these infrastructures are following from a perspective of synergies with 3G systems, and how they will pave the way for future 4G systems. The book presents a thorough overview of 3G networks and standards, and discusses interworking and handover mechanisms between WLANs and UMTS. You learn what performance can be expected from WLANs and WPANs when they support the TCP/IP stack. Several critical issues are examined in depth, including IP routing and mobility, PHY an.