Record Nr. UNINA9910780482103321 Wireless IP and building the mobile internet / / Sudhir Dixit, Ramjee **Titolo** Prasad, editors Pubbl/distr/stampa Boston, Massachusetts:,: Artech House,, ©2003 [Piscatagay, New Jersey]:,: IEEE Xplore,, [2002] **ISBN** 1-58053-587-9 Descrizione fisica 1 online resource (675 p.) Collana Artech House universal personal communications series Altri autori (Persone) DixitSudhir PrasadRamjee Disciplina 621.382/12 Soggetti Wireless Internet TCP/IP (Computer network protocol) Wireless communication systems 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 Preface xxi; Acknowledgments xxv; 1 Wireless IP 1; 2 Evolution to Wireless IP 17; 3 Wide-Area Wireless IP Connectivity with the General Packet Radio Service 27; 4 3G Networks and Standards 49; 5 UTRAN Evolution to an All-IP Architecture 67; 6 Beyond 3G: 4G IP-Based Mobile Networks 87; 7 Ad Hoc Networks: A Mobile IPv6 Viewpoint 105; 8 Differentiated and Integrated Services for IP Applications over UMTS 133; 9 Provisioning QoS in 3G Networks with RSVP Proxy 161; 10 QoS Support for VoIP over Wireless 179; 11 Delivering QoS in Mobile Ad Hoc IP Networks 203 12 Radio Access Control in Wireless IP Networks 22713 RRM in Multicarrier Allocation Based Systems 255; 14 TCP/IP over Next-Generation Broadband Wireless Access Networks 279: 15 Reliable Multicast Congestion Control for TCP/IP in Hybrid Networks 303; 16 Mobile IP: A Challenge in the Mobile World 335; 17 IP Micro-Mobility Management Using Host-Based Routing 359: 18 Handoff Initiation in Mobile IPv6 393: 19 Location Independent Network Architecture and

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Sommario/riassunto

Written by today's leading experts in industry and academia, Wireless IP and Building the Mobile Internet is the first book to take a comprehensive look at the convergence of wireless and Internet technologies that are giving rise to the mobile wireless Internet. This cutting-edge resource provides you with an overview of all the elements required to understand and develop future IP based wireless multimedia communications and services