

1. Record Nr.	UNINA9910830796103321
Titolo	Deploying mobile WiMAX // Max Riegel ... [et al.]
Pubbl/distr/stampa	Chichester, West Sussex, U.K. : , : Wiley, , 2009 [Piscataway, New Jersey] : , : IEEE Xplore, , [2011]
ISBN	0-470-68722-3 0-470-68721-5
Descrizione fisica	1 online resource (319 p.)
Classificazione	54.32
Altri autori (Persone)	RiegelMax
Disciplina	004.67
Soggetti	IEEE 802.16 (Standard) Ad hoc networks (Computer networks) Wireless Internet
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	About the Authors. -- Preface. -- Acknowledgements. -- List of Acronyms . -- 1. Introduction. -- 1.1 WiMAX in the Telecommunication Markets. -- 1.2 Mobile WiMAX Specifications. -- 1.3 About This book. -- 2. Network Architecture. -- 2.1 Providing Access to the Internet. -- 2.2 Mobile WiMAX Network Reference Architecture. -- 2.3 Mobile WiMAX Roaming Architecture. -- 2.4 Ethernet Services Support. -- 2.5 Mobile WiMAX and 3GPP SAE/LTE. -- 3. Subscription Handling and Security. -- 3.1 The Meaning of a Subscription. -- 3.2 A Network Reference Model for Security. -- 3.3 Subscription versus Device Authentication. -- 3.4 Certificates and the WiMAX Public Key Infrastructure. -- 3.5 Security Design Considerations in the WiMAX Network Architecture. -- 3.6 "Bootstrapping" a Subscription Over-The-Air. -- 3.7 Identities in Mobile WiMAX. -- 3.8 AAA Protocols and Routing in WiMAX. -- 4. Service Provisioning. -- 4.1 Enablers for WiMAX Based Services. -- 4.2 AAA Support for Services and Applications. -- 4.3 Accounting & Charging. -- 4.4 Network QoS Architecture. -- 4.5 Location Support. -- 4.6 IMS support. -- 4.7 Emergency Services in WiMAX. -- 5. Mobility. -- 5.1 Mobile Networking. -- 5.2 WiMAX Mobility Architecture. -- 5.3 CSN-Anchored Mobility. -- 5.4 ASN-Anchored Mobility. -- 5.5 Simple IP. -- 5.6

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Sommario/riassunto

Focusing on the foundation and interactions among components of Mobile WiMAX, *Deploying Mobile WiMAX* illustrates scenarios of network and radio technology. This book enables readers to utilise the flexibility of IP-based mobile broadband access networks with the scalable OFDMA radio interface. Describing the principles of the Releases 1.0 and 1.5 network and air interface specifications, it also identifies the technical challenges of integrating Mobile WiMAX, and examines its future enhancements. The underlying principles behind the WiMAX network specifications are provided, allowing network designers to decide which features and options to use when planning deployments. * Introduces the fundamentals of Mobile WiMAX deployments within both new and established telecommunications networks * Explains the rationale behind the Mobile WiMAX network and radio specifications enabling designers to make use of all applicable features * Sets out the major building blocks of the topic and acts as a general reference for developers * Utilizes the latest Release 1.5 network and radio specifications of the WiMAX Forum * Written by expert authors who have actively contributed to the design of the fundamental concepts adopted in the standardized specifications.
