

1. Record Nr.	UNINA9910143691903321
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Titolo	End-to-end quality of service over cellular networks [[electronic resource]] : data services performance and optimization in 2G/3G / / edited by G. Gomez and R. Sanchez
Pubbl/distr/stampa	Chichester ; ; Hoboken, NJ, : John Wiley, 2005
ISBN	1-280-24172-1 9786610241729 0-470-01587-X 0-470-01586-1
Descrizione fisica	1 online resource (318 p.)
Altri autori (Persone)	SanchezR (Rafael)
Disciplina	621.3845 621.38456
Soggetti	Network performance (Telecommunication) Wireless communication systems 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	End-to-End Quality of Service over Cellular Networks; Contents; List of Contributors; Foreword; Preface; Acknowledgements; 1 Introduction; 1.1 Mobile Services in Perspective; 1.2 Mobile Technology Evolution; 1.2.1 Reasons for Mobile Technology Evolution; 1.2.2 Mobile Technology Evolution Paths; 1.2.3 Harmonization/Evolution Challenges; 1.2.4 Future Outlook; 1.3 Motivation for QoS; 1.3.1 Service Experience; 1.3.2 Radio Network Performance; 1.3.3 Network Capacity; 1.3.4 Network Design; 1.3.5 Application Design; 1.3.6 Service-Enhancing Technology; 1.3.7 Conclusion; References 2 Cellular Wireless Technologies2.1 Introduction; 2.2 GSM/GPRS/EDGE; 2.2.1 Description of the GSM System; 2.2.2 The GSM Transition to Packet-Switched Systems (GPRS); 2.2.3 EDGE: The GSM Evolution; 2.2.4 (E)GPRS Performance; 2.3 WCDMA/HSDPA; 2.3.1 System Architecture and RRM; 2.3.2 Transport Channels and their Mapping to the Physical Layer; 2.3.3 Physical Layer and Air Interface; 2.3.4 The HSDPA Concept; 2.4 IS-95/CDMA2000-1x, EV-DV, EV-DO; 2.4.1 CDMA2000-1x vs

3GPP UMTS; 2.4.2 CDMA2000-1x Reference Architecture and QoS;
 2.4.3 Basic Voice Service with CDMA2000
 2.4.4 Packet Data Operation with CDMA2000-1x2.4.5 CDMA2000-1x
 Performance; 2.4.6 Mobility; 2.5 WLAN; 2.5.1 Complementary WLAN
 Access Technology for Cellular Networks; 2.5.2 WLAN-3GPP and WLAN-
 3GPP2 Architecture; 2.6 Future Outlook; 2.6.1 Heterogeneous
 Networks; 2.6.2 Physical and MAC Layers Trends; References; 3 Data
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 Circuit-Switched and Packet-Switched Services; 3.1.2 Services
 Architectures and Protocols; 3.1.3 Services Selection; 3.2 Services
 Architecture; 3.2.1 Services and Service Enablers
 3.2.2 IP Multimedia Subsystem (IMS)3.3 Data Protocols Characteristics;
 3.3.1 TCP/IP Networks; 3.3.2 Impact of Radio Interface on Transport
 Protocols; 3.4 SMS/MMS; 3.4.1 Introduction to SMS; 3.4.2 SMS
 Architecture and Signaling; 3.4.3 SMS Protocol Stack; 3.4.4 Introduction
 to Multimedia Messaging Service (MMS); 3.4.5 MMS Architecture and
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 3.7 Push-to-Talk over Cellular (PoC)
 3.7.1 Introduction3.7.2 PoC Architecture; 3.7.3 PoC Protocol Stack;
 3.7.4 PoC Signaling; 3.7.5 PoC Performance Requirements; 3.8 Network
 Gaming Services; 3.8.1 Introduction; 3.8.2 Network Requirements;
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 QoS Standardization; 4.1.4 Data Services Classification; 4.2 IP-Based
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 4.2.3 IP-QoS Management in UMTS Networks; 4.2.4 Traffic Handling
 Mechanisms; 4.3 QoS Architecture in 3GPP and 3GPP2
 4.3.1 End-to-End QoS Introduction

Sommario/riassunto

This comprehensive resource contains a detailed methodology for assessing, analyzing and optimizing End-to-End Service Performance under different cellular technologies (GPRS, EDGE, WCDMA and CDMA2000). It includes guidelines for analyzing numerous different services, including FTP, WEB streaming and POC, including examples of analysis and troubleshooting from a user point-of-view. Focuses on the end-user perspective, with a detailed analysis of the main sources of service performance degradation and a comprehensive description of mobile data servicesIncludes a detailed presentatio

2. Record Nr.	UNISALENTO991000127329707536
Autore	Calamani, Eugenio
Titolo	Manuale di agraria ad uso delle Scuole Normali maschili e femminili / E. Calamani ed O. Munerati; con prefazione del Prof. Tito Poggi
Pubbl/distr/stampa	Roma : Società Editrice Dante Alighieri, 1899
Descrizione fisica	3 v. : ill. ; 22 cm
Altri autori (Persone)	Munerati, Ottavio Poggi, Tito
Disciplina	630.7
Soggetti	Agraria - Insegnamento
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1: Elementi di agronomia per la 1. classe normale. - VI, 144 p. : ill. 2: Coltivazioni erbacee, viticoltura ed enologia, frutticoltura, olivicoltura ed oleificio, orticoltura, floricoltura per la 2. classe normale. - VI, 199 p. : ill. 3: Gelsicoltura, bachicoltura, apicoltura, i nostri animali domestici, igiene degli animali domestici, pollicoltura, caseificio, i boschi, economia rurale, catasto, imposta fondiaria, assicurazioni, contabilità rurale per la 3. classe normale. - 91 p. : ill.