Record Nr. UNINA9910830551403321 End-to-end quality of service engineering in next generation **Titolo** heterogeneous networks [[electronic resource] /] / edited by Abdelhamid Mellouk London.: ISTE Pubbl/distr/stampa Hoboken, NJ,: Wiley, 2009 **ISBN** 1-282-16528-3 9786612165283 0-470-61147-2 0-470-39411-0 Descrizione fisica 1 online resource (474 p.) Collana ISTE ; ; v.63 Altri autori (Persone) MelloukAbdelhamid Disciplina 004.6 621.3821 Soggetti Computer networks - Quality control Internetworking (Telecommunication) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto End-to-End Quality of Service Engineering in Next Generation Heterogenous Networks; Table of Contents; Chapter 1. Challenges for End-to-End Quality of Service over Heterogenous Networks; 1.1. Introduction: 1.2. Research challenges in end-to-end QoS; 1.3. Contents; 1.3.1. Chapter 2: principles and mechanisms for Quality of Service in networks; 1.3.2. Chapter 3: different approaches to guarantee Quality of Service; 1.3.3. Chapter 4: Quality of Service-based adaptive routing approaches; 1.3.4. Chapter 5: optical networks: new challenges and paradigms for Quality of Service 1.3.5. Chapter 6: pushing Quality of Service across interdomain boundaries 1.3.6. Chapter 7: Internet-based collaborative teleoperation: towards tailorable groupware for teleoperation; 1.3.7. Chapter 8:

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Sommario/riassunto

A modern communication network?can be described as?a large, complex, distributed system composed by higher interoperating, smaller sub-systems. Today, the proliferation and convergence of different types of wired, wireless, and mobile networks are crucial for the success of the next generation networking.?However, these networks can hardly meet the requirements of future integrated-service networks, and are expected to carry multimedia traffic with various Quality of Experience (QoE) and Quality of Service (QoS) requirements. Providing all relevant QoS/QoE issues in these heterogeneous network