1.	Record Nr.	UNINA9910449841803321
	Autore	Brooks David B
	Titolo	Water [[electronic resource]] : local-level management / / by David B. Brooks
	Pubbl/distr/stampa	Ottawa, : International Development Research Centre, c2002
	ISBN	1-280-71802-1
		9786610718023
		1-55250-200-7
	Descrizione fisica	1 online resource (86 p.)
	Collana	In focus, from research to policy
	Disciplina	333.91
	Soggetti	Water resources development
		Water-supply - Management
		Water quality management
		Water resources development - Research
		Ressources en eau - Exploitation
		Eau - Approvisionnement - Gestion
		Eau - Qualit - Gestion
		Ressources en eau - Exploitation - Recherche
		Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Issued also in French under title: L'eau, gerer localement.
	Nota di bibliografia	Includes bibliographical references (p. 67-70).
	Nota di contenuto	Contents; Foreword; Preface; Part 1. The Issue; Part 2. The Approaches; Part 3. The Results: Propositions for Governance and Research; Part 4. Recommendations; Part 5. Future Directions; Appendix: Sources and Resources; The Publisher;
	Sommario/riassunto	Today, more than 1 billion people lack access to safe drinking water. Within the next 25 years, fully one-third of the world's population will experience severe water scarcity. It is clear that disparities in the availability and supply of fresh water are truly a matter of life and death, and constitute one of the great governance imperatives of our time.This publication summarizes the results of three decades of IDRC-supported research on water supply. It demonstrates that some of the most powerful responses to water scarcities have been mounted at the

community or local level — in households

2.	Record Nr.	UNINA9910830492603321
	Autore	Welzl Michael <1973->
	Titolo	Network congestion control [[electronic resource]] : managing Internet traffic / / Michael Welzl
	Pubbl/distr/stampa	Chichester, West Sussex, England ; ; Hoboken, NJ, : J. Wiley, c2005
	ISBN	1-280-28759-4
		9786610287598
		0-470-02531-X
		0-470-02529-8
	Descrizione fisica	1 online resource (283 p.)
	Collana	Wiley Series on Communications Networking & Distributed Systems
	Disciplina	004.67/8
		004.678
	Soggetti	Internet
		Telecommunication - Traffic - Management
	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 (p. [243]-257) and index.
	Nota di contenuto	Network Congestion Control; Contents; Foreword; Preface; List of Tables; List of Figures; 1 Introduction; 1.1 Who should read this book?; 1.2 Contents; 1.3 Structure; 1.3.1 Reader's guide; 2 Congestion control principles; 2.1 What is congestion?; 2.1.1 Overprovisioning or control?; 2.2 Congestion collapse; 2.3 Controlling congestion: design considerations; 2.3.1 Closed-loop versus open-loop control; 2.3.2 Congestion control and flow control; 2.4 Implicit feedback; 2.5 Source behaviour with binary feedback; 2.5.1 MIMD, AIAD, AIMD and MIAD; 2.6 Stability; 2.6.1 Control theoretic modelling
		2.6.2 Heterogeneous RTTs2.6.3 The conservation of packets principle; 2.7 Rate-based versus window-based control; 2.8 RTT estimation; 2.9 Traffic phase effects; 2.9.1 Phase effects in daily life; 2.10 Queue management; 2.10.1 Choosing the right queue length; 2.10.2 Active queue management; 2.11 Scalability; 2.11.1 The end-to-end argument; 2.11.2 Other scalability hazards; 2.12 Explicit feedback; 2.12.1 Explicit

Sommario/riassunto

As the Internet becomes increasingly heterogeneous, the issue of congestion control becomes ever more important. In order to maintain good network performance, mechanisms must be provided to prevent the network from being congested for any significant period of time. Michael Welzl describes the background and concepts of Internet congestion control, in an accessible and easily comprehensible format. Throughout the book, not just the how, but the why of complex technologies including the Transmission Control Protocol (TCP) and Active Queue Management are explained. The text also gives