1. Record Nr. UNINA9910255006403321

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Titolo	Content Distribution for Mobile Internet: A Cloud-based Approach / / by Zhenhua Li, Yafei Dai, Guihai Chen, Yunhao Liu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2016
ISBN	981-10-1463-9
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XIII, 231 p. 146 illus., 90 illus. in color.)
Disciplina	004.6
Soggetti	Computer networks Electronic digital computers - Evaluation Computer systems Computer Communication Networks System Performance and Evaluation Computer System Implementation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Part I Get Started -- 1 Background and Overview -- Part II Cloud-based Cellular Traffic Optimization -- 2 Cross-Application Cellular Traffic Optimization -- Part III Cloud-based Mobile Video Distribution -- 3 Cloud Downloading for Unpopular Videos -- 4 Cloud Transcoding for Mobile Devices -- 5 Offline Downloading: A Comparative Study -- Part IV Cloud-assisted P2P Content Distribution -- 6 Cloud Tracking or Open-P2SP -- 7 Cloud Bandwidth Scheduling -- Part V Cloud Storage-oriented Content Distribution -- 8 Towards Network-level Efficiency for Cloud Storage Services -- 9 Efficient Batched Synchronization for Cloud Storage Services -- Part VI Last Thoughts -- 10 Research Summary and Future Work.
Sommario/riassunto	This book investigates the cloud-based techniques of content distribution mainly for mobile Internet. It starts with hot topics such as cellular traffic optimization and video content delivery. By integrating the cloud scheme, it further tackles issues of traffic-saving, energy-efficient, high-speed, and delay-tolerant content delivery with regard to mobile Internet. It covers both theoretical algorithms and their real-

world system implementations. In particular, various well-known cloud platforms such as Baidu TrafficGuard, Tencent QQXuanfeng, Google Drive, Microsoft OneDrive, and Dropbox are elaborated respectively in the book. Lastly, it includes an educational and experimental cloud computing platform allowing public access, which benefits researchers, practitioners, and developers in the field of cloud computing/storage and mobile Internet. Throughout the book there are helpful and practical tips on setting up cloud systems that readers can easily follow.