

1. Record Nr.	UNINA9910717478803321
Titolo	Energy efficient data centers : first international workshop, E2DC 2012, Madrid, Spain, Mai 8, 2012 : revised selected papers // Jyrki Huusko ... [et al.] (eds.)
Pubbl/distr/stampa	Berlin ; ; Heidelberg, : Springer, c2012
ISBN	3-642-33645-0
Edizione	[2012]
Descrizione fisica	1 online resource (1 p.)
Collana	Lecture notes in computer science ; ; 7396 LNCS sublibrary. SL 5, Computer communication networks and telecommunications
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Disciplina	004.0286
Soggetti	Data libraries - Energy consumption
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and author index.
Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the First International Workshop on Energy Efficient Data Centers (E2DC 2012) held in Madrid, Spain, in May 2012. The 13 revised full papers presented were carefully selected from 32 submissions. The papers cover topics from information and communication technologies of green data centers to business models and GreenSLA solutions. The first section presents contributions in form of position and short papers, related to various European projects. The other two sections comprise papers with more in-depth technical details. The topics covered include energy-efficient data center management and service delivery as well as energy monitoring and optimization techniques for data centers.