

1. Record Nr.	UNINA9910437581503321
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Titolo	Web-scale data management for the cloud // Wolfgang Lehner, Kai-Uwe Sattler
Pubbl/distr/stampa	New York, : Springer, c2013
ISBN	1-4614-6856-6
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (xv, 193 pages) : illustrations (some color)
Collana	Gale eBooks
Altri autori (Persone)	SattlerKai-Uwe
Disciplina	005.7565
Soggetti	Cloud computing Database 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.
Nota di contenuto	Data Cloudification -- Virtualization for Data Management Services -- Transactional Data Management Services for the Cloud -- Web-Scale Analytics for BIG Data -- Cloud-specific Services for Data Management -- Overview and Comparison of Current Database-as-a-Service Systems -- Summary and Outlook.
Sommario/riassunto	The efficient management of a consistent and integrated database is a central task in modern IT and highly relevant for science and industry. Hardly any critical enterprise solution comes without any functionality for managing data in its different forms. Web-Scale Data Management for the Cloud addresses fundamental challenges posed by the need and desire to provide database functionality in the context of the Database as a Service (DBaaS) paradigm for database outsourcing. This book also discusses the motivation of the new paradigm of cloud computing, and its impact to data outsourcing and service-oriented computing in data-intensive applications. Techniques with respect to the support in the current cloud environments, major challenges, and future trends are covered in the last section of this book. A survey addressing the techniques and special requirements for building database services are provided in this book as well.