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Titolo	Cloud Computing : Challenges, Limitations and R&D Solutions // edited by Zaigham Mahmood
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-10530-2
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (363 p.)
Collana	Computer Communications and Networks, , 1617-7975
Disciplina	004.6782
Soggetti	Computer networks Computer security Management information systems Computer science Database management Computer Communication Networks Systems and Data Security Management of Computing and Information Systems 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 at the end of each chapters and index.
Nota di contenuto	Part I: Limitations and Challenges of Cloud Environments -- Attacks in Public Clouds -- Distributed Database Management Systems -- Quality of Service and Service Level Agreements for Cloud Environments -- Part II: Current Developments and R&D Solutions -- A Methodology for Cloud Security Risk Management -- SecDSIM -- CloudReports -- Cloud Computing: Efficient Congestion Control in Data Center Networks -- Energy-Aware Virtual Machine Consolidation in IaaS Cloud Computing -- Software-Defined Networking (SDN) for Cloud Applications -- Part III: Advances in Cloud Technologies and Future Trends -- Virtualization and Cloud Security -- Quality-of-Service Data Warehouse for the Selection of Cloud Services -- Characterizing Cloud Federation Approaches -- Security Aspects of Database-as-a-Service (DBaaS) in Cloud Computing -- Beyond the Clouds: How Should Next Generation

Sommario/riassunto

This important text/reference reviews the challenging issues that present barriers to greater implementation of the cloud computing paradigm, together with the latest research into developing potential solutions. Exploring the strengths and vulnerabilities of cloud provision and cloud environments, Cloud Computing: Challenges, Limitations and R&D Solutions provides case studies from a diverse selection of researchers and practitioners of international repute. The implications of emerging cloud technologies are also analyzed from the perspective of consumers. Topics and features: Presents a focus on the most important issues and limitations of cloud computing, covering cloud security and architecture, QoS and SLAs Discusses a methodology for cloud security management, and proposes a framework for secure data storage and identity management in the cloud Introduces a simulation tool for energy-aware cloud environments, and an efficient congestion control system for data center networks Examines the issues of energy-aware VM consolidation in the IaaS provision, and software-defined networking for cloud related applications Reviews current trends and suggests future developments in virtualization, cloud security, QoS data warehouses, cloud federation approaches, and DBaaS provision Predicts how the next generation of utility computing infrastructures will be designed The insights provided by this practically-focused collection will be of great benefit to students, lecturers and researchers interested in the state of the art of cloud computing. Software developers, infrastructure managers, and other cloud practitioners will also find the book to be a helpful guide.

2. Record Nr.	UNICAMPANIAVAN00058298
Autore	Proakis, John G.
Titolo	Communication systems engineering / John G. Proakis, Masoud Salehi
Pubbl/distr/stampa	London, : Prentice-Hall, 1994
ISBN	01-330-0625-5
Descrizione fisica	XIX, 889 p. : ill. ; 24 cm
Altri autori (Persone)	Salehi, Masoud
Disciplina	621.382
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia