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Nota di contenuto	Front cover; Contents; Preface; Editors; Contributors; Chapter 1: Understanding the CloudComputing Landscape; Chapter 2: Science Gateways:Harnessing Cloudsand Software Services for Science; Chapter 3: Enterprise KnowledgeClouds: NextGeneration KnowledgeManagement Systems?; Chapter 4: Real Cases andApplications of Cloud Computing; Chapter 5: Large-Scale Data Processing; Chapter 6: Toward a Reliable Cloud Computing Service; Chapter 7: Abstractions for CloudComputing with Condor; Chapter 8: Exploiting the Cloud of Computing Environments: An Application's Perspective Chapter 9: Granules: A Lightweight Runtime for Scalable Computing with Support for Map-ReduceChapter 10: Dynamic and Adaptive Rule-Based Workflow Engine for Scientific Problems in Distributed Environments; Chapter 11: Transparent Cross-Platform Access to Software Services Using GridSolve and GridRPC; Chapter 12: High-Performance Parallel Computing with Cloud and Cloud Technologies; Chapter 13: BioVLAB: Bioinformatics Data Analysis Using Cloud Computing and Graphical Workflow Composers; Chapter 14: Scale-Out RDF Molecule Store for Efficient,Scalable Data Integration and Querying

Chapter 15: Enabling XML Capability for Hadoop and Its Applications in Healthcare  
Chapter 16: Toward a QoS-Focused SaaS Evaluation Model;  
Chapter 17: Risk Evaluation-based Selection Approach for Transactional Services Composition; Index; Back cover

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Sommario/riassunto

Whether you're already in the cloud, or determining whether or not it makes sense for your organization, *Cloud Computing and Software Services: Theory and Techniques* provides the technical understanding needed to develop and maintain state-of-the-art cloud computing and software services. From basic concepts and recent research findings to future directions, it gathers the insight of 50 experts from around the world to present a global perspective on the range of technical topics related to cloud computing and Software as a Service (SaaS). The book also:  
Reviews real case

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