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Soggetti	Software engineering Management information systems Computer science Information storage and retrieval Computer security Information technology Business—Data processing Software Engineering Management of Computing and Information Systems Information Storage and Retrieval Systems and Data Security IT in Business
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Nota di contenuto	Updating Policies in CP-ABE-Based Access Control: An Optimized and Secure Service -- vmBBThrPred: A Black-Box Throughput Predictor for Virtual Machines in Cloud Environments -- Dynamic SLAs for Clouds -- Reinforcement Learning Techniques for Decentralized Self-adaptive Service Assembly -- Situation-Aware Execution and Dynamic Adaptation of Traditional Workflow Models -- Subsumption Reasoning for QoS-Based Service Matchmaking -- Towards Combined Functional and Non-Functional Semantic Service Discovery -- Declarative Elasticity

in ABS -- Interplay of Virtual Machine Selection and Virtual Machine Placement -- An Auto-Scaling Cloud Controller Based on Fuzzy Q-Learning - Implementation in OpenStack -- FedUp! Cloud Federation as a Service -- Service Cutter: A Systematic Approach to Service Decomposition -- Economic Aspects of Service Composition: Price Negotiations and Quality Investments -- Fault-Aware Application Management Protocols -- Improving Reliability of Cloud-Based Enterprise Applications -- A Short Survey on Using Software Error Localization for Service Compositions.

Sommario/riassunto	This book constitutes the refereed proceedings of the 5th European Conference on Service-Oriented and Cloud Computing, ESOCC 2016, held in Vienna, Austria, in September 2016. The 16 full papers presented were carefully reviewed and selected from 33 submissions. The papers are organized in topical sections on policies and performance, adaptation, SLA-aware services, job placement, compositionality, and fault tolerance.