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Soggetti	Software engineering Operating systems (Computers) Application software Computers Software Engineering Operating Systems Computer and Information Systems Applications Computer Hardware
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Performance Principles for Trusted Computing with Intel SGX -- About the Complexity to Transfer Cloud Applications at Runtime and How Container Platforms can Contribute? -- A Decentralized on Demand Cloud CPU Design with Instruction Level Virtualization -- Heterogeneous Resource Management and Orchestration in Cloud Environments -- Using Docker Swarm with a User-centric Decision-making Framework for Cloud Application Migration -- A Decentralized Cloud Management Architecture based on Application Autonomous Systems -- From Metadata Catalogs to Distributed Data Processing for Smart City Platforms and Services: A Study on the Interplay of CKAN and Hadoop -- An Optimization Model to Reduce Energy Consumption in Software-Defined Data Centers -- The Benefits of using

Experimental Exploration for Cloud Migration Analysis and Planning -- Dynamic Reconfiguration of Computer Platforms at the Hardware Device Level for High Performance Computing Infrastructure as a Service -- Controlling Cloud-based Systems for Elasticity Test Reproduction -- A Flexible Semantic KPI Measurement System -- A Framework for the Orchestration and Provision of Cloud Services based on TOSCA and BPMN -- Component Migration in a Trans-cloud Environment -- A Lexical and Semantical Analysis on REST Cloud Computing APIs.

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**Sommario/riassunto**

This book constitutes extended, revised and selected papers from the 7th International Conference on Cloud Computing and Service Science, CLOSER 2017, held in Porto, Portugal, in April 2017. The 16 papers presented in this volume were carefully reviewed and selected from a total of 123 submissions. CLOSER 2017 focused on the emerging area of Cloud Computing, inspired by some latest advances that concern the infrastructure, operations and available services throughout the global network.

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