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	Nota di contenuto	Ultra-Low Power Localization System Using Mobile Cloud Computing -- A Method and Tool for Automated Induction of Relations from Quantitative Performance Logs -- Systematic Construction, Execution, and Reproduction of Complex Performance Benchmarks -- Multiple Workflow Scheduling with Offloading Tasks to Edge Cloud -- Min-Edge P-cycles: An efficient Approach for Computing P-cycles in Optical Data

Center -- BlockLite: Toward Accurate and Efficient Emulation of Public Blockchains in the Cloud -- Teleportation of VM Disk Images over WAN -- Live Migration of Virtual Machines in OpenStack: A Perspective from Reliability Evaluation -- An Approach to Failure Prediction in Cluster by Self-Updating Cause-and-Effect Graph -- Towards Decentralized Deep Learning with Differential Privacy -- Exploiting the Spam Correlations in Scalable Online Social Spam Detection -- Dynamic Network Anomaly Detection System by using Deep Learning Techniques -- Heterogeneity-aware data placement in Hybrid Clouds -- Towards Automated Configuration of Cloud Storage Gateways: A data driven approach -- The Case for Physical Memory Pools: A Vision Paper -- A Parallel Algorithm for Bayesian Text Classification Based on Noise Elimination and Dimension Reduction in Spark Computing Environment -- On the Optimal Number of Computational Resources in MapReduce -- Class Indistinguishability for Outsourcing Equality Conjunction Search -- A Hybrid Approach for Synchronizing Clocks in Distributed Systems -- JCallGraph: Tracing Microservices in Very Large Scale Container Cloud Platforms -- An Overview of Cloud Computing Testing Research -- A Robust Multi-Terminal Support Method Based on Tele-immersion Multimedia -- CMonitor: A Monitoring and Alarming Platform for Container-Based Clouds -- CPR: Client-Side Processing of Range Predicates.

| Sommario/riassunto | This volume constitutes the proceedings of the 12th International Conference on Cloud Computing, CLOUD 2019, held as part of the Services Conference Federation, SCF 2019, in San Diego, CA, USA, in June 2019. The 24 full papers were carefully reviewed and selected from 53 submissions. CLOUD has been a prime international forum for both researchers and industry practitioners to exchange the latest fundamental advances in the state of the art and practice of cloud computing, to identify emerging research topics, and to define the future of cloud computing. All topics regarding cloud computing align with the theme of CLOUD. |