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Descrizione fisica	1 online resource (XIV, 295 p. 137 illus., 91 illus. in color.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 12403
Disciplina	016.391
Soggetti	Computer networks Data protection Computers, Special purpose Computer engineering Operating systems (Computers) Computer Communication Networks Data and Information Security Special Purpose and Application-Based Systems Computer Engineering and Networks Operating Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	A Replication Study to Explore Network-Based Co-Residency of Virtual Machines in the Cloud -- Leveraging Federated Clouds For Improving Blockchain Performance -- A Resource Trend Analysis from a Business Perspective based on a Component Decomposition Approach -- A Utility-Based Fault Handling Approach for Efficient Job Rescue in Clouds -- Analyzing CNN Based Behavioural Malware Detection Techniques in Cloud IaaS -- NLC: A Replacement Caching Algorithm based on Non-Critical Path Least Counts for In-Memory Computing -- Job Completion Time in Dynamic Vehicular Cloud Under Multiple Access Points -- PLMSys: A Cloud Monitoring System Based on Cluster Performance and

Container Logs -- A Network Intrusion Detection Approach Based on Asymmetric Convolutional Autoencoder -- Post-cloud Computing Models and Their Comparisons -- Wise Toolkit: Enabling Microservice-Based System Performance Experiments -- Abstracting Containerisation and Orchestration for Cloud-Native Applications -- Toward a Decentralized Service Marketplace: The Interplay Between Blockchain and Algebraic Service Composition -- A new personalized POI recommendation based on time-aware and social influence -- Manage Storage Resources Efficiently Using Predictive Analytics -- Scalable Sketch-based Sport Video Retrieval in the Cloud -- Capestor: a Service Mesh-based Capacity Estimation Framework for Cloud Applications -- Cardinality based rate limiting system for time-series data -- Bioinf-PHP: Bioinformatics Pipeline for Protein Homology and Phylogeny -- Online Tutoring through a Cloud-based Virtual Tutoring Center -- Towards multi-criteria volunteer cloud service selection -- ZTImm: A Zero-Trust-Based Identity Management Model for Volunteer Cloud Computing.

Sommario/riassunto

This book constitutes the proceedings of the 13th International Conference on Cloud Computing, CLOUD 2020, held as part of SCF 2020, during September 18-20, 2020. The conference was planned to take place in Honolulu, HI, USA and was changed to a virtual format due to the COVID-19 pandemic. The 16 full and 6 short papers presented were carefully reviewed and selected from 49 submissions. They deal with the latest fundamental advances in the state of the art and practice of cloud computing, identify emerging research topics, and define the future of cloud computing.
