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   Nota di contenuto   On or Off the Blockchain? Insights on Off-Chaining Computation and
                        Data -- Microservices and Containers -- Microservices Identification
                        through Interface Analysis -- A Performance Survey of Lightweight
                        Virtualization Techniques -- Low-level Exploitation Mitigation by
                        Diverse Microservices -- Security -- A Formal Approach for the
                        Verification of AWS IAM Access Control Policies -- Foundations for
                        Designing, Defining, Validating and Executing Access Control Policies
                        in Cloud Environments -- Secure and Scalable Remote Access Tunnels
                        for the IIoT: An Assessment of openVPN and IPSec Performance --
                        Cloud Resources -- Two are better than one: An algorithm portfolio

approach to cloud resource management -- A Fuzzy Load Balancer for Adaptive Fault Tolerance Management in Cloud Platforms -- Data preparation as a service based on Apache Spark -- Services -- Human-in-the-Loop Simulation of Cloud Services -- Toward automatic semantic API descriptions to support services composition -- On Abstraction-based Deadlock-Analysis in Service-Oriented Systems with Recursion -- Internet of Things and Data Streams -- IoT-based Compliance Checking of Multi-party Business Processes modeled with Commitments -- Empowering Low-latency Applications through a Serverless Edge Computing Architecture -- Industrial Applications of Service and Cloud Computing -- uStorage – A storage architecture to provide Block-level Storage through Object-based Storage -- Heart Order Detection with Menard Algorithm on Apache Spark.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 6th IFIP WG 2.14 European Conference on Service-Oriented and Cloud Computing, ESOCC 2017, held in Oslo, Norway, in September 2017. The 6 short and 10 full papers presented in this volume were carefully reviewed and selected from 37 submissions. The volume also contains one invited talk in full paper length. The contributions were organized in topical sections named: microservices and containers; security; cloud resources; services; internet of things and data streams; and industrial applications of service and cloud computing. . |