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| Altri autori (Persone)  | RademacherFlorian<br>SoldaniJacopo  |
| Disciplina              | 005.1   |
| Soggetti                | Software engineering<br>Computer networks<br>Computer engineering<br>Computer systems<br>Software Engineering<br>Computer Communication Networks<br>Computer Engineering and Networks<br>Computer System Implementation   |
| Lingua di pubblicazione | Inglese   |
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| Livello bibliografico   | Monografia  |
| Nota di contenuto       | Microservices -- XL: Explainable Lead Generation with Microservices and Hypothetical Answers -- One Microservice per Developer: Is This the Trend in OSS? -- End-to-End Test Coverage Metrics in Microservice Systems: An Automated Approach -- Quality of Service -- Time-aware QoS Web Service Selection Using Collaborative Filtering: A Literature Review -- Enhanced Time-Aware Collaborative Filtering for QoS Web Service Prediction -- Comparison of performance and costs of CaaS and RDBaaS services -- Service Orchestration -- Horizontal Scaling of Transaction-Creating Machines for Blockchains -- Uncovering Effective Roles and Tasks for Fog Systems -- Cooperative Virtual Machine Placement -- Edge Computing -- A Multi-pronged Self-Adaptive Controller for Analyzing Misconfigurations for Kubernetes Clusters and IoT Edge Devices -- Adaptive Controller to Identify Misconfigurations |

and Optimize the Performance of Kubernetes Clusters and IoT Edge Devices -- Streamlining XR Application Deployment with a Localized Docker Registry at the Edge -- PhD Symposium -- Towards Cloud Storage Tier Optimization with Rule-based Classification -- Industry Projects Track -- Towards a Decentralised Federated Learning based Compute Continuum Framework -- Detecting Model Changes in Organisational Processes: A Cloud-Based Approach -- Short Papers -- A Taxonomy for Workload Deployment Orchestration in the Edge-Cloud Continuum -- Intent-based AI-enhanced Service Orchestration for Application Deployment and Execution in the Cloud Continuum -- Optimizing the Cost-Performance Ratio of FaaS Deployments -- The Microservice Dependency Matrix.

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#### Sommario/riassunto

This book constitutes the refereed proceedings of the 10th IFIP WG 6.12 European Conference on Service-Oriented and Cloud Computing , ESOCC 2023, held in Larnaca, Cyprus, during October 24–26, 2023. The 12 full papers and 4 short papers included in this book were carefully reviewed and selected from 40 submissions. They were organized in topical sections as follows: Microservices; Quality of Service; Service Orchestration; Edge Computing; PhD Symposium; and Industry Projects Track.

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