

1. Record Nr.	UNISA996558468703316
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Titolo	Service-Oriented and Cloud Computing [[electronic resource]] : 10th IFIP WG 6.12 European Conference, ESOC 2023, Larnaca, Cyprus, October 24–25, 2023, Proceedings / / edited by George A. Papadopoulos, Florian Rademacher, Jacopo Soldani
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-46235-1
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (295 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14183
Altri autori (Persone)	RademacherFlorian SoldaniJacopo
Disciplina	005.1
Soggetti	Software engineering Computer networks Computer engineering Computer systems Software Engineering Computer Communication Networks Computer Engineering and Networks Computer System Implementation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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.

Sommario/riassunto

This book constitutes the constitutes the refereed proceedings of the 10th IFIP WG 6.12 European Conference on Service-Oriented and Cloud Computing , ES OCC 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.
