Management and Optimization of Fog Architectures

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Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editors

The main aim of this Special Issue is to seek high-quality submissions that highlight novel solutions to address recent challenges in the optimization and management of fog computing. The topics of interest include, but are not limited to:

- Optimization of workflow scheduling, resource allocation, service migration, etc.
- Hybrid solutions for the optimization of fog computing
- Parallel versions of optimization algorithms for fog computing optimization
- Service orchestration techniques for auto-scaling and/or load balancing
- Service selection and provisioning for fog computing optimization
- Performance optimization of fog architectures
- Optimization of data management techniques in fog architectures
- Service design for orchestration proposes: meta information, or architectures
- Monitoring solutions for orchestrating techniques
- Simulation tools for optimization of fog computing solutions
- Billing models based on placement and other third criteria
- Optimization of DevOps tools on the fog
- Container-based optimization
- Optimization of non-functional aspects of fog computing

Special Issue

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Message from the Editor-in-Chief

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