

Special Issue

Cloud Computing and Cloud Service Orchestration: Building Resilient and Agile Digital Infrastructures

Message from the Guest Editor

Cloud computing has become a foundational pillar for modern digital infrastructures, enabling scalable, cost-effective, and on-demand services across diverse domains.

This Special Issue focuses on the design, implementation, and evaluation of advanced cloud service orchestration strategies that ensure agility, fault tolerance, and performance in heterogeneous and distributed environments. Key challenges include managing multi-cloud heterogeneity, ensuring end-to-end security and compliance, optimizing real-time responsiveness, and achieving energy-efficient resource allocation.

We invite high-quality contributions that address emerging orchestration techniques, including AI/ML-driven automation, serverless computing, edge and fog computing integration, and software-defined infrastructure.

Guest Editor

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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