Special Issue

Current Status and Development Direction of Cloud Computing Application in IoT

Message from the Guest Editors

Driven by the need for data collection and analysis in IoT applications, the integration of cloud computing and IoT has become an inevitable trend. Consequently, numerous cloud providers, telecom companies, and computer vendors worldwide have introduced solutions that enable cloud platforms to support IoT ecosystems. This convergence represents a paradigm shift, transforming industries and driving innovation. The emergence of edge computing and fog computing has further strengthened the capabilities of the aforementioned technology combinations, and the integration of these technologies enables unprecedented capabilities, including high levels of automation and intelligence, real-time data processing, scalable storage solutions, and enhanced connectivity. This Special Issue aims to provide a comprehensive overview of the latest advancements, challenges, and future directions in this dynamic field, and seeks original unpublished papers addressing recent advancements and research results in the design and development for the convergence of cloud computing and IoT.

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Message from the Editor-in-Chief

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