Special Issue

Cloud Computing Beyond

Message from the Guest Editor

Many cloud services require interoperable services in order to extend the service capability and business market. Additionally, AI (artificial intelligence)-based applications are emerging in many industries. Cloud computing is utilized very well and provides very fast responses for training data in AI applications. Furthermore, cloud services are migrating to edge nodes to support real-time services as well as AI applications. Conventional virtual-machine-based cloud services are challenged by many emerging issues. Thus, distributed cloud—the distribution of cloud capabilities to the edge of the network—is considerable as a new paradigm integrating with the edge cloud, where resources are virtualized and shared to CSPs (cloud service providers) using high-performance 5G networks. Future computing with cloud computing infrastructures called “cloud computing beyond” needs to solve the following technical challenges (real-time cloud services; cloud infrastructure for AI; trust and forensics). Other challenging topics are also welcome to this Special Issue. Prof.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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