Data Security and Privacy in Mobile Cloud Computing

Guest Editors:

Dr. Azeem Irshad

Dr. Muhammad Shafiq

Dr. Mourade Azrour

Dr. Shehzad Ashraf Chaudhry

Deadline for manuscript submissions:
closed (31 October 2023)

Message from the Guest Editors

Mobile cloud computing (MCC) refers to the accessibility of cloud computing services in a mobile environment. The secure provisioning of cloud services to mobile devices in the form of dependable computation and reliable storage requires more vigorous methods and techniques. This SI aims to elicit high-quality research articles on the security and privacy of MCC. Authors are encouraged to submit applied and theoretical approaches to handle these problems. Topics include:

- The security and privacy of MCC
- Intrusion detection systems for MCC
- The security of mobile, peer-to-peer, and pervasive services in MCC
- The security of mobile commerce and mobile IoT
- The security of middleware support for MCC
- The security of pricing and billing for MCC-based services
- Privacy-enhancing frameworks for new computing environments
- Partitioning and offloading security in MCC
- Data and location privacy in MCC
- MCC support for VANETS and ad hoc networks
- Identity and access management for mobile devices in MCC
- Securing cloudlet-based computing
- Lightweight authentication mechanisms in MCC architecture
- Blockchain-based security enhancement for distributed MCC
- Access control models in MCC

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Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

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.

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