Secure Cloud Storage

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Deadline for manuscript submissions:
closed (30 March 2023)

Message from the Guest Editors

Outsourcing data to public clouds provides an effective solution for large-scale data storage management in the face of explosive data growths. However, putting all data in the cloud raises a multitude of security concerns, such as confidentiality (i.e., data is kept secret against unauthorized access), storage efficiency (i.e., data occupies small footprints), fault tolerance (i.e., data can be recovered against failures), integrity (i.e., data is uncorrupted), and even confidential computing (i.e., data can be effectively used without information leakage).

The purpose of this Special Issue is to improve the security of public cloud storage in both industry and research communities. Authors are encouraged to submit both theoretical and applied articles that address the security issues of cloud storage via new approaches, conduct case studies about the emerging cloud storage systems, or present the lessons and experiences that are learnt from the practices of cloud storage.

Special Issue

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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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