

Special Issue

Secure Cloud Computing Infrastructures

Message from the Guest Editor

As concerns regarding cybersecurity increase, so does the need to collect evidence of security and privacy guarantees. This demand has fostered research on various approaches and technologies for implementing trustworthy infrastructure. Nevertheless, in cloud computing environments, where a provider manages a complex stack of software that reduces costs and eases operation for its tenants, this is a significant challenge. Vulnerabilities in the underlying infrastructure can compromise even carefully implemented applications. The challenges in secure cloud infrastructure extend to other areas of secure infrastructure, including limitations, usability, new threats, performance and cost impacts, interoperability, supply chain security, and so on. This Special Issue aims to share results and novel ideas on designing, evaluating, and applying techniques that enable secure cloud computing infrastructures.

This Special Issue welcomes original research papers in the following intersecting fields: Cloud, edge, and fog computing; Parallel and distributed computing; Hardware architectures; Privacy-preserving artificial intelligence and machine learning; Verification and validation.

Guest Editor

Prof. Dr. Andrey Brito

Computer Science Department, Federal University of Campina Grande, Campina Grande, Brazil

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

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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.

Editor-in-Chief

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

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