IET Journals
The Institution of Engineering and Technology

IET Software

Call for Papers

OPEN ACCESS PUBLISHING NOW AVAILABLE

SPECIAL ISSUE ON:
Security and Privacy in Cloud-based systems

Editor-in-Chief: Hana Chockler, King's College London, UK

Security and Privacy are two relevant aspects for every system relying on software which are constantly gaining momentum in an overwhelming set of fields. Several domains are increasingly adopting cloud-based applications as core business, becoming more and more complex generating federated architectures. In this sense, several technological challenges related to security and privacy stem from these domains. While some of these challenges have been discovered and solved, others are evolving, such as the traditional securing applications, the insider threat problem, or new legislations. From a software development point of view, new approaches such as Privacy-By-Design or blockchains are gaining momentum, providing benefits, but also implying trade-offs. Along these lines, the analysis on how these technologies are solving specific issues and the benefits that they provide is an ongoing debate at research level.   From a legal point of view, legislations are seen as optional by several software developers, even though their business impact is increasing. This Special Issue seeks research articles reporting state-of-the art advances, case studies, approaches and techniques, and industry experience.

Topics of interest:

- Secure practices in software development for Cloud-based systems (e.g. Privacy-By-Design)
- Privacy considerations during software development for Cloud based systems
- Software development considerations for data protection and management
- End-to-end security mechanisms

- Security Information and Event Management systems
- Blockchain-based approaches and their implications in software development and industry standards
- Legal aspects applied to software development activities

Submit your paper to manuscript submission and peer review site via the following link:

www.ietdl.org/IET-SEN

Expanded conference papers must include at least 30% new scientific material

Publication Schedule:

Submission Deadline:
1 July 2018
Publication Date:
June 2019

Guest Editors:

Xabier Larrucea
Tecnalia
E: Xabier.Larrucea@tecnalia.com

Ioannis Komnios
EXUS Software Ltd
E: i.komnios@exus.co.uk