

Special Issue

Cryptography and Security Protocol in Internet of Things

Message from the Guest Editors

Recent progress in IoT, including IIoT and the increased capability of digesting harvested data, has created many cutting-edge applications that are being deployed in the field, such as smart transportation, industry 4.0, home automation, etc. At the same time, the complexity of typical IoT systems makes it harder to meet the ever-growing security/privacy demands. As the core of security/privacy protection schemes, all aspects related to cryptographic tools and protocols customized for IoT applications are of the utmost importance to fully unleash the potential of IoT. Potential topics include but are not limited to:

- New cryptographic tools that mitigate existing security/privacy concerns for IoT systems.
- Engineering-focused works on cryptographic tools and protocols for IoT systems.
- Benchmarking and testbeds for IoT-oriented cryptographic tools and protocols.
- Position papers on the future research directions of cryptography and secure protocol for IoT.

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