Special Issue

Blockchain for Internet of Things Security and Privacy

Message from the Guest Editors

In recent years, blockchain technology has become a field with enormous potential, growth, and impact. Its capabilities include ensuring a secure environment for IoT data storage, processing, and communication, as well as addressing IoT security and privacy issues in both academic and industrial fields. This Special Issue is seeking contributions relating, but not limited, to the following topics:

- new secure network architecture for the Internet of Things powered by blockchain;
- blockchain for IoT computing security and privacy;
- lightweight authentication protocols for IoT applications;
- energy-efficient communication protocols for IoT;
- secure key management in a decentralized IoT network;
- IoT data management with smart blockchain;
- decentralized computing for IoT security;
- secure IoT system design based on blockchain;
- applications for intelligent IoT security and privacy using blockchain;
- data analytics based on blockchain in IoT systems;
- and performance optimization of blockchains in IoT.

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