



New Trends in Data Security and Privacy Based on Cryptographic Techniques

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Message from the Guest Editors

Data security and privacy is a primary concern in new computing paradigms such as cloud, edge, and fog technologies, as well as the Internet of Things (IoT). Cryptographic algorithms and protocols play vital roles in delivering powerful and resilient security and privacy guarantees. This Special Issue aims to present the recent developments and emerging trends in the field of Data Security and Privacy Based on Cryptographic Techniques, particularly theories, applications, and security evaluations.

Cryptographic algorithms and protocols;
Security metrics and models;
Security threats and attack vectors;
Secure computing architectures;
Big data security;
Blockchain security;
Data security and privacy in cloud computing;
Data security and privacy in IoT;
Applications of cryptographic techniques for protecting data security and privacy;
General literature and taxonomy.





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Message from the Editor-in-Chief

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