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Special Issue Reprint

Security and Privacy in Blockchains and the IoT II

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In this age of data-driven transformation, where the fusion of blockchain technologies and the Internet of Things (IoT) is shaping the fabric of our digital society, the need for security and privacy has never been more important. This Special Issue delves into the intricate confluence of these two disruptive forces and provides a comprehensive overview of security and privacy aspects in this regard. This compilation encapsulates the essence of these multi-layered challenges by focusing on protection goals, such as confidentiality, integrity, availability, and privacy. The research articles and literature reviews presented here offer a sophisticated mesh of insights, ranging from complex data-driven applications and smart services to novel approaches that enhance security and privacy in the context of blockchain technologies and the IoT. Innovative solutions are highlighted from various perspectives, and challenges such as secure data transmission, confidential communication, and tamper-proof data storage are explored. In this way, this Special Issue is a beacon for practitioners, researchers, and technology enthusiasts. Developers seeking to harness the potential of blockchain technology and IoT find rich insights while users obtain a comprehensive overview of the latest research and trends. The symphony of interdisciplinary knowledge presented here creates a harmonious blend of theory and practice, highlighting the intricate interdependencies between technological advances and the need for security and privacy.



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