1. Record Nr.   UNINA9910483891703321

Titolo   Transforming Cybersecurity Solutions using Blockchain / / edited by Rashmi Agrawal, Neha Gupta

Pubbl/distr/stampa   Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021

ISBN   981-336-858-6

Edizione   [1st ed. 2021.]

Descrizione fisica   1 online resource (234 pages)

Collana   Blockchain Technologies, , 2661-8346

Disciplina   005.8

Soggetti   Internet of things
Cooperating objects (Computer systems)
Application software
Internet of Things
Cyber-Physical Systems
Computer and Information Systems Applications

Lingua di pubblicazione   Inglese

Formato   Materiale a stampa

Livello bibliografico   Monografia

Nota di bibliografia   Includes bibliographical references.

Nota di contenuto   1. Introduction to Blockchain Technology -- 2. Cloud Computing Security using Blockchain Technology -- 3. An Introduction to Blockchain Technology and their Applications in the Actuality with a View of its Security Aspects -- 4. Blockchain based Cyber Security -- 5. Secured Storage and Verification of Documents using Blockchain Technology -- 6. Blockchain based Access Control System -- 7. A Comparative Investigation of Consensus Algorithms in collaboration with IoT and Blockchain.

Sommario/riassunto   This book is targeted towards cybersecurity professionals (especially those dealing with cloud security) or any stakeholders dealing with cybersecurity who want to understand the next level of security infrastructure using blockchain. The book's security and privacy analysis help with an understanding of the basics of blockchain, and it explores the quantifying impact of the new attack surfaces introduced by blockchain technologies and platforms. In addition, the book contains relevant and current updates on the topic. It follows a practical approach to help understand how blockchain technology is used to transform cybersecurity solutions.