

1. Record Nr.	UNINA9910497110003321
Titolo	Blockchain Security in Cloud Computing [[electronic resource] /] / edited by K.M. Baalamurugan, S. Rakesh Kumar, Abhishek Kumar, Vishal Kumar, Sanjeevikumar Padmanaban
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-70501-3
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (XIII, 317 p. 111 illus., 90 illus. in color.)
Collana	EAI/Springer Innovations in Communication and Computing, , 2522- 8609
Disciplina	621.382
Soggetti	Electrical engineering Computational intelligence Computer security Communications Engineering, Networks Computational Intelligence Systems and Data Security Privacy Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Cloud Security -- Block Chain -- Block Chain Cloud Paradigm -- Block Chain Security -- Blockchain for Cloud -- Block chain-based cloud data storage security -- Clustering using Blockchain for cloud -- Cloud Assisted Secure Health System using blockchain -- Next Generation AI&ML using Blockchain -- Cloud Key Management for Secure Connection -- Computational Efficiency of Blockchain on cloud paradigm -- Conclusion.
Sommario/riassunto	This book explores the concepts and techniques of cloud security using blockchain. Also discussed is the possibility of applying blockchain to provide security in various domains. The authors discuss how blockchain holds the potential to significantly increase data privacy and security while boosting accuracy and integrity in cloud data. The specific highlight of this book is focused on the application of

integrated technologies in enhancing cloud security models, use cases, and its challenges. The contributors, both from academia and industry, present their technical evaluation and comparison with existing technologies. This book pertains to IT professionals, researchers, and academicians towards fourth revolution technologies. Analyzes the current research and development in the convergence of blockchain in cloud computing; Provides an overview to the recent emerging advanced trends and technologies in cloud security algorithms; Presents an in depth analysis of implementation, challenges, use cases and issues in the society related to cloud security.
