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Soggetti	Cryptography
	Data encryption (Computer science)
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	Computer networks - Security measures
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Nota di contenuto	Pandora: A Cyber Range Environment for the Safe Testing and Deployment of Autonomous Cyber Attack Tools -- A Communication-Induced Checkpointing Algorithm for Consistent-Transaction in Distributed Database Systems -- Evading Static and Dynamic Android Malware Detection Mechanisms -- Multilevel Secure Container Deployment Framework in Edge Computing -- Deep Hierarchical APP Recommendation with Dynamic Behaviors -- New Security Architecture

of Access Control in 5G MEC -- A Fast Authentication Scheme for Cross-Network-Slicing Based on Multiple Operators in 5G Environments -- A Survey of Security Attacks on Silicon Based Weak PUF Architectures -- On the Feasibility of DoS Attack on Smart Door Lock IoT Network -- Trust-Based Adversarial Resiliency in Vehicular Cyber Physical Systems Using Reinforcement Learning -- Benchmarking Machine Learning Bioinspired Algorithms for Behaviour-Based Network Intrusion Detection -- Thermal Management in Large Data Centres: Security Threats and Mitigation -- Anomaly Detection in CAN-BUS Using Pattern Matching Algorithm -- Conjunctive Keyword Forward Secure Ranked Dynamic Searchable Encryption over Outsourced Encrypted Data -- Performance Study of Multi-Target Tracking Using Kalman Filter and Hungarian Algorithm -- SaaS - Microservices-Based Scalable Smart Contract Architecture -- GIDS: Anomaly Detection Using Generative Adversarial Networks -- Audio Steganography Using Multi LSB and IGS Techniques -- A Forensic Analysis on the Availability of MQTT Network Traffic -- The Concerns of Personal Data Privacy, on Calling and Messaging, Networking Applications -- Analysis of Orthogonal Time Frequency Space Transceiver in Baseband Environment.

Sommario/riassunto	This book constitutes revised selected papers of the 8th International Symposium on Security in Computing and Communications, SSCC 2020, held in Chennai, India, in October 2020. Due to the COVID-19 pandemic the conference was held online. The 13 revised full papers and 8 revised short papers presented were carefully reviewed and selected from 42 submissions. The papers cover wide research fields including cryptography, database and storage security, human and societal aspects of security and privacy.