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Descrizione fisica	1 online resource (397 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1557
Disciplina	005.8
Soggetti	Application software Cryptography Data encryption (Computer science) Computer networks - Security measures Computer crimes Computer and Information Systems Applications Cryptology Mobile and Network Security Computer Crime
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A Backdoor Embedding Method for Backdoor Detection in Deep Neural Networks -- Security and Privacy for Sharing Electronic Medical Records Based on Blockchain and Federated Learning -- A Fine-grained Access Control Scheme for Electronic Health Records Based on Roles and Attributes -- Active Malicious Accounts Detection with Multimodal Fusion Machine Learning Algorithm -- Evaluation of an Anomaly Detector for Routers using Parameterizable Malware in an IoT Ecosystem -- PUFloc: PUF and Location Based Hierarchical Mutual Authentication Protocol for Surveillance Drone Networks -- Smart Search over Encrypted Educational Resources in Cloud Storage -- SDGen: A Scalable, Reproducible and Flexible Approach to Generate Real World Cyber Security Datasets -- Towards a Location-Aware

Blockchain-Based Solution to Distinguish Fake News in Social Media -- Using Streaming Data Algorithm for Intrusion Detection on the Vehicular Controller Area Network -- Privacy-Enhanced Mean-Variance Scheme Against Malicious Signature Attacks in Smart Grids Privacy-preserving Cluster Validity -- A Large-Scale Study on the Security Vulnerabilities of Cloud Deployments Design & Architecture of Progger 3: A Low-Overhead, Tamper-Proof Provenance System -- Skill Reward for Safe Deep Reinforcement Learning -- Generalizing Supervised Learning for Intrusion Detection in IoT Mesh Networks -- Reliable and Controllable Data Sharing Based on Blockchain,. A Network Forensics Investigating Method Based on Weak Consistency for Distributed SDN -- Intrusion Detection System Based on Deep Neural Network and Incremental Learning for In-Vehicle CAN Networks -- Towards a Two-tier Architecture for Privacy-enabled Recommender Systems (PeRS) -- A Supervised Rare Anomaly Detection Technique via Cooperative Co-Evolution-Based Feature Selection using Benchmark UNSW_NB15 Dataset -- Towards Evaluating the Effectiveness of Botnet Detection Techniques -- A Robust Malware Detection Approach for Android System based on Ensemble Learning -- A Reverse Auction Based Efficient D2D Transmission Mechanism for Ubiquitous Power Terminals -- A Fine-tuning Strategy Based on Real Scenes in Gait Identification An Online Automated Anti-Anti-Virus Method -- Research on Bandwidth Reservation Algorithm of Teaching Resources in Cloud Computing Environment -- An Edge-Cloud Collaborative Object Detection System.

Sommario/riassunto

This volume constitutes selected papers presented at the First International Conference on Ubiquitous Security, UbiSec 2021, held in Guangzhou, China, in December 2021. The presented 26 full papers and 2 short papers were thoroughly reviewed and selected from the 96 submissions. They focus on security, privacy and anonymity aspects in cyberspace, physical world, and social networks.
