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Collana	Security and Cryptology ; ; 11170
Disciplina	005.8
Soggetti	Computer security Data encryption (Computer science) Computer communication systems Computers and civilization Application software Systems and Data Security Cryptology Computer Communication Networks Computers and Society Information Systems Applications (incl. Internet)
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	From Cyber Situational Awareness to Adaptive Cyber Defense: Leveling the Cyber Playing Field -- Policy Engineering in RBAC and ABAC -- Comprehensive Security Assurance Measures for Virtualized Server Environments -- Stratification Based Model for Security Policy with Exceptions and Contraries to Duty -- Asymptotic Behavior of Attack Graph Games -- Some Ideas on Privacy-Aware Data Analytics in the Internet-of-Everything -- Protecting Resources and Regulating Access in Cloud-based Object Storage -- Function-Based Access Control (FBAC): Towards Preventing Insider Threats in Organizations -- Virtualization Technologies and Cloud Security: Advantages, Issues, and Perspectives -- Access Privacy in the Cloud -- A Strategy for Effective Alert Analysis at a Cyber Security Operations Center -- Retrieval of

Relevant Historical Data Triage Operations in Security Operation Centers -- Supporting Users in Cloud Plan Selection -- Distributed Services Attestation in IoT -- Exploiting Data Sensitivity on Partitioned Data -- A Review of Graph Approaches to Network Security Analytics -- Advanced Biometric Technologies: Emerging Scenarios and Research Trends -- Attribute-Based Encryption: Applications and Future Directions -- Static Analysis for Security Vetting of Android Apps -- Breaking Bad: Forecasting Adversarial Android Bad Behavior -- Bot or Human? A Behavior-based Online Bot Detection System -- Network Security Metrics: From Known Vulnerabilities to Zero Day Attacks -- Theoretical Foundations for Mobile Target Defense: Proactive Secret Sharing and Secure Multiparty Computation. .

Sommario/riassunto

This Festschrift is in honor of Sushil Jajodia, Professor in the George Mason University, USA, on the occasion of his 70th birthday. This book contains papers written in honor of Sushil Jajodia, of his vision and his achievements. Sushil has sustained a highly active research agenda spanning several important areas in computer security and privacy, and established himself as a leader in the security research community through unique scholarship and service. He has extraordinarily impacted the scientific and academic community, opening and pioneering new directions of research, and significantly influencing the research and development of security solutions worldwide. Also, his excellent record of research funding shows his commitment to sponsored research and the practical impact of his work. The research areas presented in this Festschrift include membrane computing, spiking neural networks, phylogenetic networks, ant colonies optimization, work bench for bio-computing, reaction systems, entropy of computation, rewriting systems, and insertion-deletion systems.
