

Contents

Trust and Privacy Issues

Addressing Privacy and Trust Issues in Cultural Heritage Modelling	3
<i>Michalis Pavlidis, Haralambos Mouratidis, Cesar Gonzalez-Perez, and Christos Kalloniatis</i>	
An Ontology Regulating Privacy Oriented Access Controls	17
<i>Maherzia Belaazi, Hanen Boussi Rahmouni, and Adel Bouhoula</i>	
A Literature Survey and Classifications on Data Deanonymisation	36
<i>Dalal Al-Azizi, David Millard, Iraklis Symeonidis, Kieron O'Hara, and Nigel Shadbolt</i>	

Privacy Policies and Policy Based Protocols

Improving Users' Trust Through Friendly Privacy Policies: An Empirical Study.	55
<i>Oluwa Lawani, Esma Aïmeur, and Kimiz Dalkir</i>	
MPLS Policy Target Recognition Network	71
<i>Abdulrahman Al-Mutairi and Stephen Wolthusen</i>	

Risk Management

Context Aware Intrusion Response Based on Argumentation Logic.	91
<i>Tarek Bouyahia, Fabien Autrel, Nora Cuppens-Boulahia, and Frédéric Cuppens</i>	
Countermeasure Selection Based on the Attack and Service Dependency Graphs for Security Incident Management	107
<i>Elena Doynikova and Igor Kotenko</i>	

Risk Analysis and Vulnerability Assessment

Quantitative Risk, Statistical Methods and the Four Quadrants for Information Security.	127
<i>Gaute Wangen and Andrii Shalaginov</i>	
Exploring a Controls-Based Assessment of Infrastructure Vulnerability	144
<i>Oliver J. Farnan and Jason R.C. Nurse</i>	

Quantifying Security in Web ETL Processes. 160
Salma Dammak, Faiza Ghozzi Jedidi, and Faiez Gargouri

Cloud Systems and Cryptography

A Meta-model for Assisting a Cloud Forensics Process 177
Stavros Simou, Christos Kalloniatis, Haralambos Mouratidis, and Stefanos Gritzalis

POR-2P: Network Coding-Based POR for Data Provision-Payment System . . . 188
Kazumasa Omote and Tran Phuong Thao

A Single Key Scheduling Based Compression Function. 207
Jiageng Chen, Rashed Mazumder, and Atsuko Miyaji

Attacks and Security Measures

Security Issue of WirelessHART Based SCADA Systems 225
Lyes Bayou, David Espes, Nora Cuppens-Boulahia, and Frédéric Cuppens

Attack Volume Model: Geometrical Approach and Application. 242
Gustavo Gonzalez Granadillo, Grégoire Jacob, and Hervé Debar

An Intensive Analysis of Security and Privacy Browser Add-Ons 258
Nikolaos Tsalis, Alexios Mylonas, and Dimitris Gritzalis

MBotCS: A Mobile Botnet Detection System Based on Machine Learning. . . 274
Xin Meng and George Spanoudakis

Toward Securing MANET Against the Energy Depletion Attack. 292
Aida Ben Chehida Douss, Ryma Abassi, and Sihem Guemara El Fatmi

Author Index 307



<http://www.springer.com/978-3-319-31810-3>

Risks and Security of Internet and Systems
10th International Conference, CRISIS 2015, Mytilene,
Lesbos Island, Greece, July 20-22, 2015, Revised
Selected Papers
Lambrinoudakis, C.; Gabillon, A. (Eds.)
2016, X, 307 p. 72 illus., Softcover
ISBN: 978-3-319-31810-3