

International Conference on Information Security and Privacy 2010

(ISP-10)

**Orlando, Florida, USA
12-14 July 2010**

Editors:

**Sukumar Nandi
Guangzhi Qu
Chao-Tung Yang**

ISBN: 978-1-61782-074-8

Contents

Rootkits and their Methods of Concealment.....	1
Dae Glendowne, Rayford B. Vaughn	
HIPPA Violated by Wireless Access Points.....	6
Jonathan Scott Leigh, Ray Vaughn	
Social Networks Security.....	15
Belhocine Amin, Sadika Selka	
Secure voting for children.....	20
Stefan Popoveniuc	
Security Awareness and Security Behaviors of College Students: Basic Security Controls and E-mail Security.....	25
Azene Zenebe, Renuka Kumar, Lola Staples, Nnanna Ekedebe	
Data Mining with Discrimination Sensitive and Privacy Sensitive Attributes.....	31
Bart Custers	
Research of Matrix Bloom Filter in Virus Filtering Firewall.....	39
Xiaoqing Xu, Jingzhong Wang, Fei Du	
Implementation and Detection of Covert Tunnels.....	44
Richard Janicki, Baoying Wang	
An Analysis of High Availability Solutions within the VMware Infrastructure Architecture.....	50
Omotayo T. Ogundare, Dale Lindskog, Ron Ruhl, Pavol Zavorsky	
Analysis of Order of Matrices in Lattice based PIR Protocol.....	58
Pritam Kulkarni, Sunil Mane	
Developing Multidimensional Firewall Configuration Visualizations.....	62
Shaun P. Morrissey, Georges Grinstein, Brenden Keyes	
Modulation Multidimensional Anonymity for Privacy Preservation Data Mining.....	70
Rahman Waheedur, Fared Ahmad, Khan Shoaib	
IT Systems Security Monitoring and Control via Advanced Concern with Integrity Property.....	74
Maxim O. Kalinin, Dmitry P. Zegzhda, Peter D. Zegzhda	

An Integrated Information Security Framework For A Product Development Center.....	80
Chandrasekaran Subramaniam, Vinod Duraivelu, Sruthi Saranya N, Mahendra Kumar M	
Mobile Anomaly Detector Module Based on Power Consumption Analysis.....	85
Tatiana Stepanova, Dmitry Zegzhda, Maxim Kalinin, Peter Baranov	
On Biometric Enabled X.509 Certificate.....	90
Sunghyuck Hong, Sunho Lim	
Towards Better Risk Ranking of Threats and Control Focus Areas.....	96
Kartik Mudaliar, Krishnashree Achuthan	
RWD - Securing Mobile Ad-hoc Networks from Wormhole Attacks.....	102
Kshitij Dogra, Neeraj Garg	
Hybrid Approach for Missing Value Imputation.....	109
Fareed Ahmad, Rahman Waheedur, Khan Shoaib	
A Research Framework for Challenges of Electronic-Commerce Implementation in Small Business.....	113
Hongjiang Xu, Cedric Rutashobya	

AUTHOR INDEX