An Excellent Addition to Your Library!

Released: January 2012

Optimizing Information Security and Advancing Privacy Assurance: New Technologies



ISBN: 9781466600263; © 2012; 338 pp.
Print: US \$195.00 | Perpetual: US \$295.00 | Print + Perpetual: US \$390.00

Hamid Nemati (The University of North Carolina at Greensboro, USA)

Security and privacy are key considerations for individuals and organizations conducting increasing amounts of business and sharing considerable amounts of information online.

Optimizing Information Security and Advancing Privacy Assurance: New Technologies reviews issues and trends in security and privacy at an individual user level, as well as within global enterprises. Enforcement of existing security technologies, factors driving their use, and goals for ensuring the continued security of information systems are discussed in this multidisciplinary collection of research, with the primary aim being the continuation and promotion of methods and theories in this far-reaching discipline.

Topics Covered:

- Biometrics
- Cloud Computing and Security
- · Global Information Security
- Information Security Perspectives
- · Inter-Organizational Data Sharing
- Intrusion Detection Systems
- Online Privacy Policies
- Outsourcing and Security
- · Privacy in Enterprises
- User Privacy

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Hamid Nemati is an associate professor of information systems in the Department of Information Systems and Operations Management at the University of North Carolina at Greensboro. He holds a doctorate from the University of Georgia and a Master of Business Administration from the University of Massachusetts. Before coming to UNCG, he was on the faculty of J. Mack Robinson College of Business Administration at Georgia State University. He has extensive professional experience in various consulting, business intelligence, and analyst positions and has consulted for a number of major organizations. His research specialization is in the areas of decision support systems, data warehousing, data mining, knowledge management, and information privacy and security. He has presented numerous research and scholarly papers nationally and internationally. His articles have appeared in a number of premier professional and scholarly journals.



Publishing Academic Excellence at the Pace of Technology Since 1988

Provable Security for Outsourcing Database Operations Evdokimov Sergei (Humboldt-Universität zu Berlin, Germany) Fischmann Matthias (Humboldt-Universität zu Berlin, Germany) Günther Oliver (Humboldt-Universität zu Berlin, Germany) A Host-Based Intrusion Detection System Using Architectural Features to Improve Sophisticated Denial-of-Service Attack Detections Tao Ran (Louisiana State University, USA) Yang Li (University of Tennessee at Chattanooga, USA) Peng Lu (Louisiana State University, USA) Li Bin (Louisiana State University, USA) A Keystroke Biometric System for Long-Text Input Tappert Charles C. (Pace University, USA) Cha Sung-Hyuk (Pace University, USA) Villani Mary (Pace University, USA) Zack Robert S. (Pace University, USA) Chapter 4 A Six-View Perspective Framework for System Security: Yadav Surya B. (Texas Tech University, USA) Are Online Privacy Policies Readable? Sumeeth M. (University of Alberta, Canada) Singh R.I. (University of Alberta, Canada) Miller J. (University of Alberta, Canada) Chapter 6 Protecting User Privacy Better with Query l-Diversity Liu Fuyu (University of Central Florida, USA) Hua Kien A. (University of Central Florida, USA) Globalization and Data Privacy: Totterdale Robert L. (Robert Morris University, USA) Chapter 8 Security Issues for Cloud Computing Hamlen Kevin (The University of Texas at Dallas, USA) Kantarcioglu Murat (The University of Texas at Dallas, USA) Khan Latifur (The University of Texas at Dallas, USA) Thuraisingham Bhavani (The University of Texas at Dallas, USA) Chapter 9 Global Information Security Factors White Garry (Texas State University - San Marcos, USA) Long Ju (Texas State University - San Marcos, USA)

Chapter 10
The Integrated Privacy Model:
Majdalawieh Munir (American University of Sharjah, United Arab Emirates)

Chapter 11

Policy Enforcement System for Inter-Organizational Data Sharing
Awad Mamoun (UAE University, UAE)
Khan Latifur (The University of Texas at Dallas, USA)
Thuraisingham Bhavani (The University of Texas at Dallas, USA)

Chapter 12

Goals and Practices in Maintaining Information Systems Security Erlich Zippy (The Open University of Israel, Israel) Zviran Moshe (Tel-Aviv University, Israel)

Chapter 13

Pendegraft Norman (University of Idaho, USA)
Rounds Mark (University of Idaho, USA)
Stone Robert W. (University of Idaho, USA)

Chapter 14

A Game Theoretic Approach to Optimize Identity Exposure in Pervasive Computing Environments Zhu Feng (The University of Alabama in Huntsville, USA)
Carpenter Sandra (The University of Alabama in Huntsville, USA)
Zhu Wei (Intergraph Co., USA)
Mutka Matt W. (Michigan State University, USA)

Chapter 15

Hiding Message in Map Along Pre-Hamiltonian Path Muttoo Sunil Kumar (University of Delhi, India) Kumar Vinay (National Informatics Centre, India)

Chapter 16

Probabilistic Inference Channel Detection and Restriction Applied to Patients' Privacy Assurance Alhaqbani Bandar (Queensland University of Technology, Australia) Fidge Colin (Queensland University of Technology, Australia)

Order Your Copy Today!

| Name: | ☐ Enclosed is check payable to IGI Global in |
|-------------------|---|
| Organization: | US Dollars, drawn on a US-based bank |
| Address: | \square Credit Card \square Mastercard \square Visa \square Am. Express |
| City, State, Zip: | 3 or 4 Digit Security Code: |
| Country: | Name on Card: |
| Tel: | Account #: |
| Fax: | Expiration Date: |
| E-mail: | |