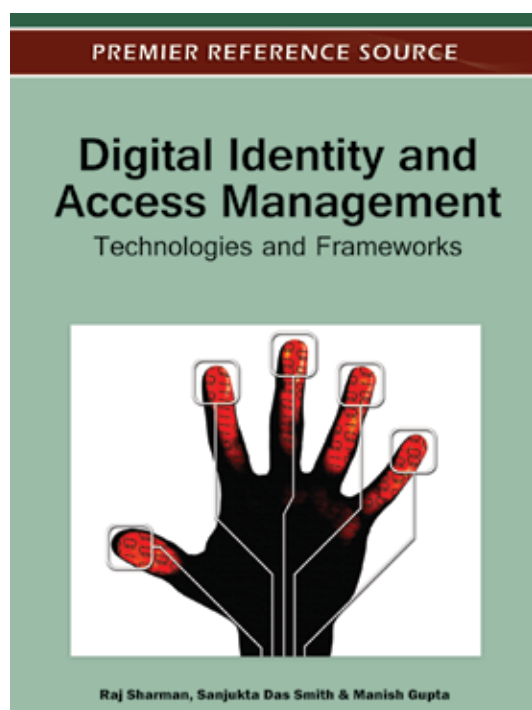


An Excellent Addition to Your Library!

Released: December 2011

Digital Identity and Access Management: Technologies and Frameworks



Raj Sharman (State University of New York, USA),
Sanjukta Das Smith (State University of New York-Buffalo, USA)
and Manish Gupta (State University of New York at Buffalo, USA)

Digital identity and access management (DIAM) systems are essential to security frameworks for their ability to rapidly and consistently confirm identities and to control individuals' access to resources and services. However, administering digital identities and system access rights can be challenging even under stable conditions.

Digital Identity and Access Management: Technologies and Frameworks explores important and emerging advancements in DIAM systems. The book helps researchers and practitioners in digital identity management to generate innovative answers to an assortment of problems, as system managers are faced with major organizational, economic and market changes and are also expected to increase reach and ease of access to users across cyberspace while guaranteeing the reliability and privacy of highly sensitive data.

Topics Covered:

- Access Management
- Authentication Systems
- Business Process Frameworks
- Digital Identity and Access Management (DIAM)
- Digital Credentials
- Digital Privacy
- Information Security
- Identity Management
- Identity Management Systems
- Service Oriented Architectures
- System Access Rights

ISBN: 9781613504987; © 2012; 498 pp.

Print: US \$195.00 | Perpetual: US \$295.00 | Print + Perpetual: US \$390.00

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.

Raj Sharman is an associate professor in the Management Science and Systems Department at SUNY Buffalo, NY. He received his B. Tech and M. Tech degree from IIT Bombay (India) and his M.S degree in Industrial Engineering and PhD in Computer Science from Louisiana State University. His research streams include information assurance, extreme events, and improving performance on the Web. His papers have been published in a number of national and international journals. He is also the recipient of several grants from the university as well as external agencies. He serves as an associate editor for the *Journal of Information Systems Security*.

Chapter 1

LAM Risks during Organizational Change and Other Forms of Major Upheaval
Axelrod C. Warren (Delta Risk LLC, U.S.A.)

Chapter 2

From Domain-Based Identity Management Systems to Open Identity Management Models
Thomas Ivonne (Hasso-Plattner-Institute, Germany)
Meinel Christoph (Hasso-Plattner-Institute, Germany)

Chapter 3

Effective Guidelines for Facilitating Construction of Successful, Advanced, User-Centric LAM Frameworks
Karantjias Athanasios (University of Piraeus, Greece)
Polemi Nineta (University of Piraeus, Greece)

Chapter 4

Feasibility and Sustainability Model for Identity Management
Dass Rajanish (Indian Institute of Management, India)
Pal Sujoy (Indian Institute of Management, India)

Chapter 5

User-Centric Identity Management Architecture Using Credential-Holding Identity Agents
Mashima Daisuke (Georgia Institute of Technology, USA)
Bauer David (Georgia Institute of Technology, USA)
Ahamad Mustaque (Georgia Institute of Technology, USA)
Blough Douglas M. (Georgia Institute of Technology, USA)

Chapter 6

Coming of Age or Just off the Boat?
Sharman Raj (State University of New York at Buffalo, USA)
Kendrick Ryan (State University of New York at Buffalo, USA)
Gupta Manish (State University of New York at Buffalo, USA)

Chapter 7

Separating Private and Business Identities
Gulyás Gábor György (Budapest University of Technology and Economics, Hungary)
Schulcz Róbert (Budapest University of Technology and Economics, Hungary)
Imre Sándor (Budapest University of Technology and Economics, Hungary)

Chapter 8

Identity and Access Management Architectures with a Focus on User Initiative
Kojima Takao (Institute of Information Security, Japan)
Itakura Yukio (Institute of Information Security, Japan)

Chapter 9

Starting the Revolution:
White Peter (Charles Sturt University, Australia)

Chapter 10

Automatic Security Analysis of SAML-Based Single Sign-On Protocols
Armando Alessandro (University of Genova, Italy & Fondazione Bruno Kessler, Italy)
Carbone Roberto (Fondazione Bruno Kessler, Italy)
Compagna Luca (SAP Research Sophia-Antipolis, France)
Pellegrino Giancarlo (SAP Research Sophia-Antipolis, France & Eurécom, France)

Chapter 11

Denial of Service Resilience of Authentication Systems
Bocan Valer (Alcatel-Lucent, Romania)
Fagadar-Cosma Mihai (Alcatel-Lucent, Romania)

Chapter 12

Identity Management Systems
Alrodhan Waleed (Imam Muhammed Ibn Saud University, Saudi Arabia)

Chapter 13

Developing Proactive Security Dimensions for SOA
Yamany Hany F. EL (Suez Canal University, Egypt)
Allison David S. (The University of Western Ontario, Canada)
Capretz Miriam A. M. (The University of Western Ontario, Canada)

Chapter 14

RBAC with Generic Rights, Delegation, Revocation, and Constraints
Wainer Jacques (University of Campinas, Brazil)
Negrello Fabio (University of Campinas, Brazil)
Ribeiro de Assis Igor (University of Campinas, Brazil)

Chapter 15

Who is Guarding the Doors:
Gupta Manish (State University of New York Buffalo, USA)
Pradeep Kumar KB (SRM University, India)
Rao H. R. (State University of New York Buffalo, USA)

Chapter 16

Privacy in Identity and Access Management Systems
Pashalidis Andreas (Katholieke Universiteit Leuven, Belgium)
Mitchell Chris J. (Royal Holloway, University of London, UK)

Chapter 17

Identity Management
Alrodhan Waleed A. (Imam Muhammed Ibn Saud University, Saudi Arabia)

Chapter 18

Selecting and Implementing Identity and Access Management Technologies:
Haag Peter (Utrecht University, The Netherlands)
Spruit Marco (Utrecht University, The Netherlands)

Order Your Copy Today!

Name: _____

Organization: _____

Address: _____

City, State, Zip: _____

Country: _____

Tel: _____

Fax: _____

E-mail: _____

☐ Enclosed is check payable to IGI Global in
US Dollars, drawn on a US-based bank

☐ Credit Card ☐ Mastercard ☐ Visa ☐ Am. Express

3 or 4 Digit Security Code: _____

Name on Card: _____

Account #: _____

Expiration Date: _____