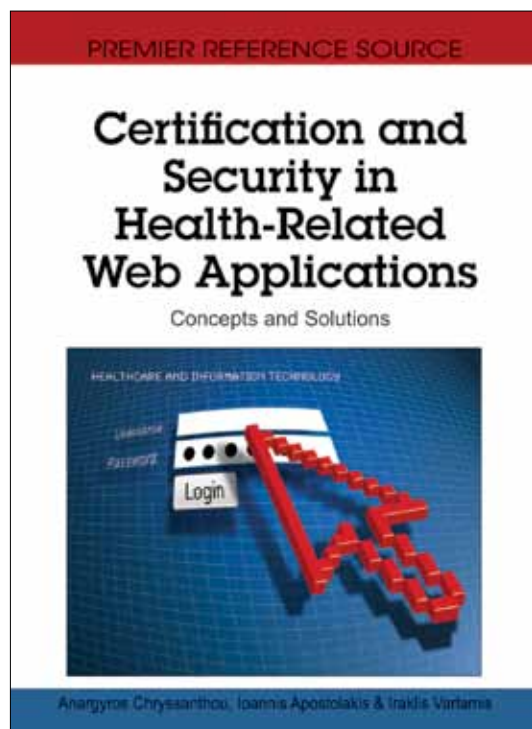


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Released: September 2010

Certification and Security in Health-Related Web Applications: Concepts and Solutions



ISBN: 9781616928957; © 2011; 352 pp.

Print: US \$245.00 | Perpetual: US \$365.00 | Print + Perpetual: US \$490.00

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Health-related Web applications have provided advanced services, such as telemedicine, to patients and doctors. However, with the creation of these applications has come the need to record, process and store medical information by following standard and lawful procedures, to protect medical data from unauthorized access, and to ensure continuity and constant availability of healthcare services.

Certification and Security in Health-Related Web Applications: Concepts and Solutions aims to bridge the worlds of healthcare and information technology, increase the security awareness of professionals, students and users and highlight the recent advances in certification and security in health-related Web applications.

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- Applying ISO certification in the e-health sector
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- Modeling access control in healthcare organizations
- Process-oriented personal health record systems
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Anargyros Chryssanthou studied Applied Informatics in Athens University of Economics and Business. He holds an MSc in Information Security and Computer Crime from the University of Glamorgan (Wales – UK). He has written and presented several articles in national conferences, concerning various aspects of computer security, from network forensics to cryptography, security management and ISO implementations of Information Security Management Systems (ISMS). He worked in the past as a Database Reporting Specialist for Coca Cola Hellenic Bottle and Company and designed several commercial database applications. He is currently employed by the Hellenic Data Protection Authority as an ICT Auditor, where his duties include auditing the use of personal data by companies of the public and the private sector. He is currently working most on spam issues as well as on privacy and security issues of the Greek medical sector. His research interests include network security, cryptography, with special interest on steganography, which was the subject of his MSc thesis, and computer forensics, where he is currently aiming on building a concise forensic methodology on investigating electronic crime in general and privacy violations in particular.



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