

1. Record Nr.	UNINA9910780042003321
Titolo	Data and Application Security [[electronic resource]] : Developments and Directions // edited by B. Thuraisingham, Reind van de Riet, Klaus R. Dittrich, Zahir Tari
Pubbl/distr/stampa	New York, NY : , : Springer US : , : Imprint : Springer, , 2001
ISBN	1-280-20580-6 9786610205806 0-306-47008-X
Edizione	[1st ed. 2001.]
Descrizione fisica	1 online resource (391 p.)
Collana	IFIP Advances in Information and Communication Technology, , 1868-422X ; ; 73
Altri autori (Persone)	ThuraisinghamBhavani M
Disciplina	005.8
Soggetti	Cryptography Data encryption (Computer science) Electronic data processing - Management Computer science Data structures (Computer science) Information theory Information storage and retrieval systems Cryptology IT Operations Theory of Computation Data Structures and Information Theory Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Protecting Information when Access is Granted for Collaboration -- Author-?: A Java-Based System For XML Data Protection -- A Fair-Exchange E-Commerce Protocol With Automated Dispute Resolution -- XML Access Control Systems: A Component-Based Approach -- A Configurable Security Architecture Prototype -- Distributed Policies for Data Management — Making Policies Mobile -- Security Architecture of The Multimedia Mediator -- Simulation And Analysis of Cryptographic

Protocols -- Authentic Third-Party Data Publication -- Protecting File Systems Against Corruption Using Checksums -- Web Security and Privacy -- Coordinating Policy for Federated Applications -- Integrating Multilevel Security Policies in Multilevel Federated Database Systems -- Wrappers -- A Mechanism to Support State-Based Authorization in Web Applications -- An Integrated Framework for Database Privacy Protection -- Discovery of Multi-Level Security Policies -- Protecting Deductive Databases from Unauthorized Retrievals -- Confidentiality vs Integrity in Secure Databases -- Extending SQL's Grant Operation to Limit Privileges -- Language Extensions for Programmable Security -- Protecting Privacy from Continuous High-Resolution Satellite Surveillance -- Database Security Integration Using Role-Based Access Control -- User Role-Based Security Model for a Distributed Environment -- WorkFlow Analyzed for Security and Privacy in using Databases -- Identifying Security Holes in OLAP Applications -- Algorithms and Experience in Increasing the Intelligibility and Hygiene of Access Control in Large Organizations -- Database Security 2000 -- Declarative Semantics of Belief Queries in MIs Deductive Databases -- Trust Management in Distributed Databases -- Active Authorization as High-level Control -- Conference Key Agreement Protocol using Oblivious Transfer -- An Integration Model of Role-Based Access Control and Activity-Based Access Control Using Task -- Authorization Model in Object-Oriented Systems -- Panel 2 -- Conference Summary.

Sommario/riassunto

New technology is always evolving and companies must have appropriate security for their businesses to be able to keep up to date with the changes. With the rapid growth of the internet and the world wide web, data and applications security will always be a key topic in industry as well as in the public sector, and has implications for the whole of society. Data and Applications Security covers issues related to security and privacy of information in a wide range of applications, including: Electronic Commerce, XML and Web Security; Workflow Security and Role-based Access Control; Distributed Objects and Component Security; Inference Problem, Data Mining and Intrusion Detection; Language and SQL Security; Security Architectures and Frameworks; Federated and Distributed Systems Security; Encryption, Authentication and Security Policies. This book contains papers and panel discussions from the Fourteenth Annual Working Conference on Database Security, which is part of the Database Security: Status and Prospects conference series sponsored by the International Federation for Information Processing (IFIP). The conference was held in Schoorl, The Netherlands in August 2000.
