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Descrizione fisica	1 online resource (X, 319 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 4127
Disciplina	005.8
Soggetti	Data encryption (Computer science) Computer communication systems Operating systems (Computers) Management information systems Computer science Algorithms Special purpose computers Cryptology Computer Communication Networks Operating Systems Management of Computing and Information Systems Algorithm Analysis and Problem Complexity Special Purpose and Application-Based Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographic references and index.
Nota di contenuto	Creating Objects in the Flexible Authorization Framework -- Detection and Resolution of Anomalies in Firewall Policy Rules -- On Finding an Inference-Proof Complete Database for Controlled Query Evaluation -- Consolidating the Access Control of Composite Applications and Workflows -- Authenticating Multi-dimensional Query Results in Data Publishing -- Xml Streams Watermarking -- Aggregation Queries in the

Database-As-a-Service Model -- Policy Classes and Query Rewriting  
 Algorithm for XML Security Views -- Interactive Analysis of Attack  
 Graphs Using Relational Queries -- Notarized Federated Identity  
 Management for Web Services -- Resolving Information Flow Conflicts  
 in RBAC Systems -- Policy Transformations for Preventing Leakage of  
 Sensitive Information in Email Systems -- Term Rewriting for Access  
 Control -- Discretionary and Mandatory Controls for Role-Based  
 Administration -- A Distributed Coalition Service Registry for Ad-Hoc  
 Dynamic Coalitions: A Service-Oriented Approach -- Enhancing User  
 Privacy Through Data Handling Policies -- Efficient Enforcement of  
 Security Policies Based on Tracking of Mobile Users -- A Framework for  
 Flexible Access Control in Digital Library Systems -- Authrule: A  
 Generic Rule-Based Authorization Module -- Aspect-Oriented Risk  
 Driven Development of Secure Applications -- From Business Process  
 Choreography to Authorization Policies -- Information Theoretical  
 Analysis of Two-Party Secret Computation.

## Sommario/riassunto

For 20 years, the IFIP WG 11.3 Working Conference on Data and Applications Security (DBSEC) has been a major forum for presenting original research results, practical experiences, and innovative ideas in data and applications security. Looking back, it is difficult not to appreciate the full extent of the change that has occurred in our field. Once considered afterthoughts in systems and application design, data protection, privacy and trust have become the key problems of our day. This central role of security in the information society has however brought increased responsibilities to the research community. - day practitioners and researchers alike need to find new ways to cope with the increasing scale and complexity of the security problems that must be solved on the global information infrastructure. Like the previous conference, the 20th DBSEC has proved to be up to this challenge. DBSEC 2006 received 56 submissions, out of which the program committee selected 22 high-quality papers covering a number of diverse research topics such as access control, privacy, and identity management. We are glad to see that the final program contains a well-balanced mix of theoretical results and practical prototype systems, many of them converging and building on each other. Also, the DBSEC program includes a number of papers on new, emerging aspects of security research. Putting together a top-level conference like DBSEC is always a team effort.