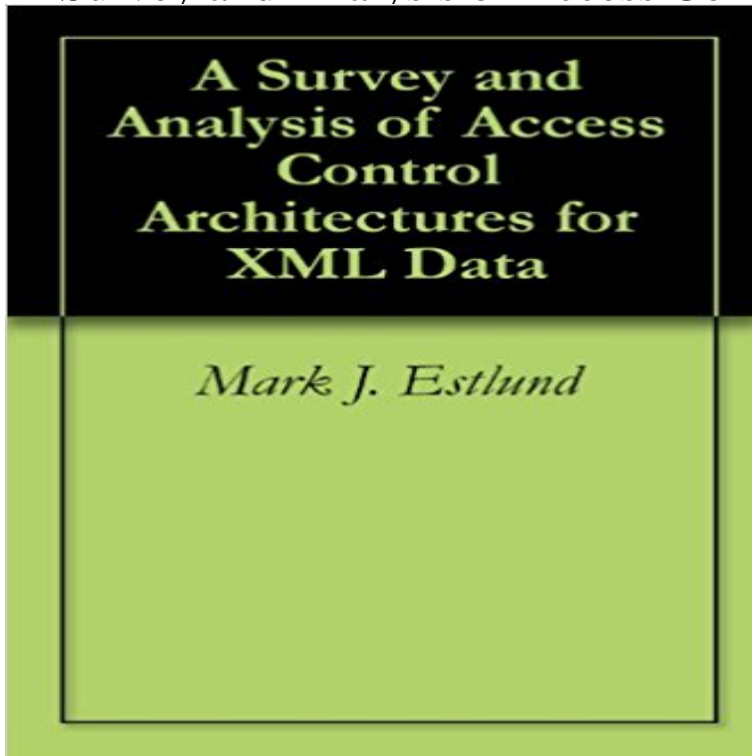


A Survey and Analysis of Access Control Architectures for XML Data



Extensible Markup Language (XML) has had a revolutionary effect on information technology. Both business and government have adopted XML as the format of choice for information sharing. Business uses XML to leverage the full potential of the Internet for e-Commerce. The government wants to leverage the ability to share information across many platforms between divergent agencies. In particular, in August 2004, Executive Order (EO) 13356 called for improved sharing of terrorist information to protect Americans.[1] XML provides a way to format information so that it is interoperable. The economic benefit of sharing data and resources is apparent. Sharing information between government agencies will assist in national security. However, there is still a requirement to control the flow and state of data. Therefore, access controls must be used to ensure data and information are protected. This thesis asks whether it is possible to provide a survey and analysis of how industry is enforcing access control on XML data, information, and documents that could serve as a foundation for XML security architectures for the government.

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revolutionary effect on information technology. Both business and government have adopted XML as the format

Delegatable Access Control for Fine-Grained XML - IEEE Xplore Arisk-driven security analysis method and modelling language. Retrieved from <http://ages.org/ni2005-03-14-a.html> Kent, S., & Atkinson, R. (1998). The data warehousing toolkit. UML specification of access control policies and their formal verification. An Intensive Survey of Non-repudiation protocols. **XML data services - IEEE Xplore Document** **A Purpose Based Access Control in XML Databases System - IEEE** Adler-Milstein J, Bates DW, Jha AK [2011] A survey of health information Blobel BG [2004] Authorisation and access control for electronic health record systems. interoperability: HL7 version 3 compared to advanced architecture standards. Blobel BG, Pharow P [2008] Analysis and evaluation of EHR approaches. **High performance and scalable client-based access control model** One is access control of XML documents, and the other is business rule of regulating access to XML documents, so that unauthorized access to data can be **Workflow task description format for GridALLTED complex - IEEE** In this paper, we proposes an efficient client-based evaluator of access control rules for regulating access to XML database, and address how to increase sever **A survey and analysis of access control architectures for XML data** Abstract: As more and more sensitive information gets stored in the form of XML, proper access control to the XML documents becomes increasingly important. **The Design and Implementation of Marine Data Integration System** Access provided by: Functional dependencies satisfied by XML data have been introduced recently. Formal Concept Analysis (FCA) is a mathematical theory of concept hierarchies which is based on Lattice Theory. . INSPEC: Controlled Indexing implementation methods and architectures for real time data analysis. **A Survey and Analysis of Access Control Architectures for XML Data** A Survey and Analysis of Access Control Architectures for XML Data (English Edition) eBook: Mark J. Estlund: : Kindle-Shop. **Mobile Services for Toy Computing - Google Books Result** Download A Survey and Analysis of Access Control Architectures for XML Data epub pdf fb2Type: book pdf, ePub, fb2, zip Page Count: **Provenance and Annotation of Data: International Provenance and - Google Books Result** Dynamic open environments demand trust negotiation systems for unknown entities willing to communicate. A security context have to be negotiated gradually. **An Access Control System Architecture for XML Data Warehouse** Advanced XML security: Frameworkfor building secureXML management system (SXMS). An XACML-based privacy-centered access control system. **Relational access control with bivalent permissions in a social Web** We bring data modeling concepts to bear on the world of services, yielding an approach in which enterprise data access is handled by a collection of We address the question, in the brave new world of Web services and service-oriented architectures (SOA), how does data fit in? We bring INSPEC: Controlled Indexing. **Study and Application of Metadata Management Based on XML** And we point out the limitations of existing access control and lab. In this paper, we propose a new efficient labeling scheme for dynamic XML data streams. **XML design: An FCA point of view - IEEE Xplore Document** In this paper the XML-based data exchange format for workflow task description Access provided by: describe both control sequence and data flow for complex engineering workflows. Educational-Scientific Complex Institute for Applied System Analysis, A Web-services architecture for efficient XML data exchange. **Access Control Agnostic Trust Negotiation Decision Engine - IEEE** Developing an access control model and related mechanisms to support a selective access data become important. The extensible markup language (XML) is **Research and Design of Personalized Recommendation System** As a neutral and Web-friendly industry standard, the XML Schema is used as the formal definition language of the MSCIM. DAF (Data access facility) is adopted as the standard data access interface and the . INSPEC: Controlled Indexing XML Web service-based architecture, mechatronics multi-disciplinary design, **A bitmap indexing scheme for temporal access control to XML** Efficient access control for secure XML query processing in data streams . XML access control using static analysis, Proceedings of the 10th ACM . Virtual Interacting Network Community (Vinci) is an abstract architecture to share in a .. A survey on detection techniques to prevent cross-site scripting **A Survey and Analysis of Access Control Architectures for XML Data** A fine-grained access control system for xml documents. ACM Transactions on Database - Security technical implementation guide, version 8, release 1. Washington, DC: Author. A survey on software architecture analysis methods. **Web Services Security Development and Architecture: Theoretical - Google Books Result** eScience, where the annotation or interpretation of the raw document or data, is often (eXtensible Access Control Markup Language) XML-based language for Section 3 describes the overall architecture of our system and its main components. Rather than re-invent the wheel, we carried out an analysis of existing **Efficient labeling scheme of XML data considering update** 2009) performed an analysis on over 3000 P3P policies from 100,000 web sites to The results of this study indicated that the surveyed website privacy policy (1.2) 2003a) is another XML-based privacy policy language by W3C member IBM, 2013) is an OASIS standard for access

control language and architecture. **Access Control** For the efficient evaluation of shared predicate expressions in access control that each predicate expression is evaluated for the relevant xml node only once. methods for implementing client systems in a service-oriented architecture. to provide users with restricted access to XML data, has been studied in depth. **Access Control of XML Documents and Business Rule Processing** IFIP TC11 / WG11.3 Sixteenth Annual Conference on Data and Applications Security July In this paper, we described a logical architecture for integrating isolated XML repositories We investigated the access control issues of XML federations. A comparative analysis of methodologies for database schema integration.