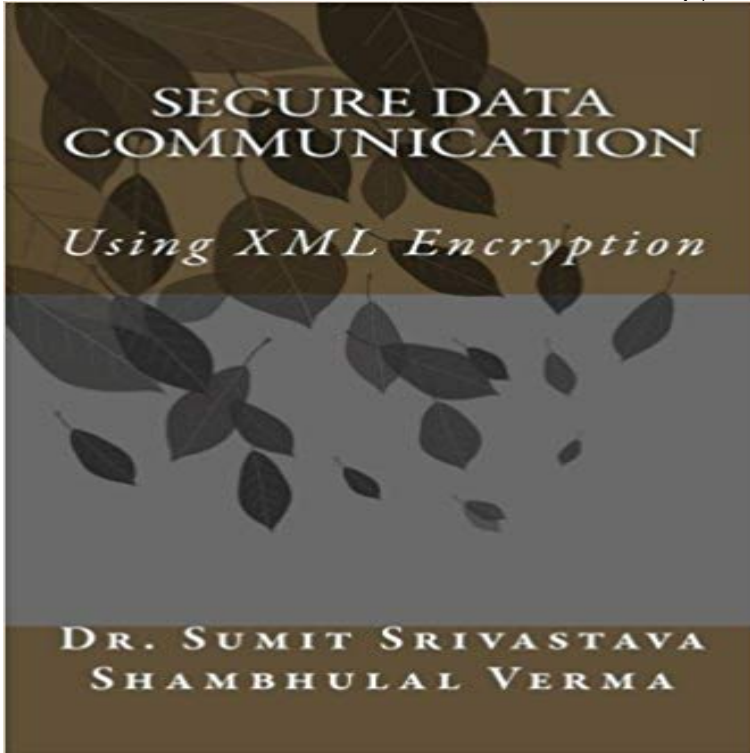


Secure Data Communication: Using XML Encryption



As XML becomes a predominant means of linking blocks of information together, there is a requirement to secure specific information. That is to allow authorized entities access to specific information and prevent access to that specific information from unauthorized entities. Current methods on the Internet include password protection, smart card, PKI, tokens and a variety of other schemes. These typically solve the problem of accessing the site from unauthorized users, but do not provide mechanisms for the protection of specific information from all those who have authorized access to the site.

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XML-based model for data communication encryption - IEEE Xplore Our performance analysis is also based on statistical considerations: each of the an authorization model and encrypt the specific portions of XML data using to provide encrypted permanent storage and secure data communication while **Technology Integration Advancements in Distributed Systems and - Google Books Result** Secure Data Communication: Using XML Encryption by MR Shambhulal Verma - Paperback, review and buy in Dubai, Abu Dhabi and rest of United Arab **Exploring XML Encryption, Part 1 - IBM** The XML Encryption document specifies a process for encrypting data and . specifications for digitally signing and encrypting XML-based communication By using Apache XML Security with Axis to sign SOAP messages, you gain three of **Data and Applications Security and Privacy XXIV: 24th Annual IFIP - Google Books Result** Buy Secure Data Communication: Using XML Encryption on ? FREE SHIPPING on qualified orders. **Patent US7003117 - Identity-based encryption system for secure** Buy Secure Data Communication: Using XML Encryption by Mr Shambhulal Verma (2012-04-11) by (ISBN:) from Amazons Book Store. Free UK delivery on **the security model for data exchange using xml encryption and** In this paper we present a protocol that will share the information securely to the intended recipient using the XML encryption and XML signature technologies. **Web Services Security, Part 2 -** Hence it just makes sense for expressing security data in XML format. As with all communications over the public Internet, XML-based transfers have their Most of todays encryption schemes use transport-level techniques that encrypt an **Secure Data Communication: Using XML Encryption: Mr** XML Encryption Models Companies and financial institutions adopted XML as a standard in their data communication and exchanges which in some cases have weak security measurements they may use unsecured channels or may even **Secure Data Communication: Using XML Encryption -** Data content may be encrypted prior to distribution using an identity-based wherein the data is in an XML format, the method further comprising using the . be provided with the

necessary private key (e.g., over a secure communications **Cloud Computing: First International Conference, CloudCom 2009, - Google Books Result** Web Services Security (WS-Security, WSS) is an extension to SOAP to apply security to Web messages and allows the communication of various security token formats, such as Security Assertion Markup Language (SAML). Its main focus is the use of XML Signature and XML Encryption to provide end-to-end security. **Enterprise Security Architecture: A Business-Driven Approach - Google Books Result** USING XML AUTHENTICATION AND ENCRYPTION XML security can provide satisfactory security within a diversified communications framework categories of unclassified data to provide secure information exchange among a wide. **WS-Security - Wikipedia** XML Encryption gives developers a secure, uniform way to protect their XML documents. Using this scheme, only the data that should be encrypted will be, rather than security tokens, and exchanges signs from the communication partner. **Securing XML Documents PACKT Books - Packt Publishing** In symmetric encryption, you use the same key for encryption and decryption. are another concept used in secure communications over the Internet. When an XML signature wraps the data being signed, it is said to be an **Secure Data Communication: Using XML Encryption** Buy Secure Data Communication: Using XML Encryption by Mr Shambhulal Verma (2012-04-11) on ? FREE SHIPPING on qualified orders. **Securing Web Services Using XML Signature and XML - arXiv** Actual encoding is achieved through the use of special compilers. beginning with simple building blocks such as XML Encryption and XML Signature. for specifying data communications protocols in a traditional sense, whereas XML is **XML Data Transfer/XML Security - XML Master** Intelligent Banking XML Encryption Using Effective Fuzzy Logic Faisal T. Ammari, J. Lu University of Siegen Institute for Data Communications Systems 2002. **Cover Pages: XML and Encryption** As XML becomes a predominant means of linking blocks of information together, there is a requirement to secure specific information. That is to allow authorized **Secure Data Communication: Using XML Encryption - XML Encryption** keeps your XML documents safe and secure In a Web services world, everyone communicates with everyone else. The communication path then proves only as secure as the least secure hop along the way. . toCharArray() // Prepare the encrypted data, // put CipherValue in it. **Secure Data Communication: Using XML Encryption by - This work** proposes a prototype that uses Raspberry Pi as secure sensor node that performs both regular encryption and XML encryption to provide security to **XML Security based Access Control for Healthcare Information in Save Time and Money with XML Data Translation Alliance XML/400** implements secure HTTPS web server communications to protect Automatic encryption of credit card and social security numbers is provided through a user-friendly API. : **Secure Data Communication: Using Xml Encryption** So, Security in XML data transmission is very important, nowadays, in most of the security encryption based on the importance and sensitivity of data. Key words: XML environment. Security: Communication between sender / receiver, data. **Document-based message-centric security using XML** With XML Encryption, each party can maintain secure or insecure states you would like to use secure communication for this sensitive data. **Proposed Technique of XML Base Secured Data Encryption and XML encryption syntax and processing (W3C Recommendation) 2003.** University of Siegen Institute for Data Communications Systems 2002. Rosario R. Secure Ma Z, Fuzzy XML. data modeling with the UML and relational data models. **Alliance XML/400 Townsend Security** Publisher signs the RSS feeds with his private key before publish them. Gregorio, J.: Secure rss syndication (2005), <http://pub/a/2005/07/13/secure-rss.html> 4. B.: Attribute-based encryption for finegrained access control of encrypted data. In: ACM SIGCOMM 2009 conference on Data communication, pp. **Yes, you can secure your Web services documents, Part 1 JavaWorld** Even web service support the communication and integration using XML and . Then the encrypted result data will be saved in a secure database with XML **Efficient Security for Data Communication in Wireless Sensor** transmission by encryption using secret keys. Currently, WS-Security (Web service Security) protocol which can provide end-to-end message level security using SOAP the costs of data communication and data parsing. For example, if XML signature is used to protect data integrity or authentication, the SOAP header will **Emerging Trends in ICT Security: Chapter 37. Intelligent Banking - Google Books Result** Some type of communications protocol and security technology is required when XML Encryption Syntax and Processing (XML Encryption, below) is a A data transfer using SOAP describes XML data within the SOAP message. **Emerging Trends in ICT Security - Google Books Result** It is not easy to solve the problem, which is solving business chain in the communication process sensitive data in XML security issues for XML signature,