
Secure Sharing of Digital Evidence

Bhavani Thuraisingham

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Motivation

- **Digital Evidence Represented in XML (eXtensible Markup Language)**
- **XML documents have to be secured**
 - XML has become the standard document interchange language for the web
 - XML is a critical technology for the semantic web
 - RDF and other specifications are built on XML
 - XML documents must satisfy security and privacy policies
 - Challenges: Access Control, Secure publishing, Secure Web Services Applications, Securing RDF, Secure semantic web, Temporal models, Privacy, Handling evolving XML specifications
 - Based on paper published in IEEE Transactions on Knowledge and Data Engineering, October 2004 (Bertino, Ferrari, Carminati, Thuraisingham)

Example XML Document

