

ITU-T Workshop

“New Horizons for Security Standardization”

Abstract

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Session: 6: Key network security issues: some regional and consortia perspectives

Title of Presentation: Security Standardization in XML and E-Business

XML (eXtensible Markup Language), a specialization and refinement of SGML (ISO 8879:1986), rapidly has become a prevalent format for electronic information exchanges and commercial transactions among business enterprises and governments. Specific and detailed methodologies for asynchronous message exchange are in wide use, and additional methods have been developed to associate security data with those messages, and convey specific authorization and access control assertions using normalized taxonomies and simple data tags. Networks of early users of these methods have evolved, and especially have shown an interest in "federated" sharing of appropriate security information. This talk discusses the data specifications that have evolved in this area (including SOAP, WS-Security, SAML and XACML), and the potential pervasiveness of federation methods, to augment the utility of identity-verification and security-related data.