

Principals of Trust in Internet Security and Websecure Environment

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Abstract

Trust and security are key enablers of the information society. Trust is an important aspect of decision making for Internet applications and particularly influences the specification of security policy. It addresses issues on who is authorised to perform actions as well as the techniques needed to manage and implement security in the applications. Trust relates to belief in honesty, truthfulness, competence, and reliability. The significance of incorporating trust in distributed systems is that trust is an enabling surety of good transaction. Its inclusion will enable Internet commerce and seamless, secure agent based applications. This paper investigates trust in relation to security in internet transactions; it specifically deals with different authentication schemes, Encryption, Trust in the websecure environment.