AUTHENTICATION KEY MANAGEMENT FOR MOBILE AD HOC NETWORK

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Abstract

The authentication key management is well studied in wired networks. However, adapting key management based authentication to mobile ad hoc networks (MANET) is a nontrivial task, mainly because, in a MANET, as opposed to conventional wired networks, there typically exists no fixed infrastructure or centralized management. This paper design the security solution for MANET based on the authentication key management.