

Quality of Service Oriented Secure Routing Model for Mobile Ad Hoc Networks

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Abstract

Mobile Ad hoc Networks (MANETs) always bring challenges to the designers in terms of its security deployment due to their dynamic and infrastructure less nature. In the past few years different researchers have proposed different solutions for providing security to MANETs. In most of the cases however, the solution prevents either a particular attack or provides security at the cost of sacrificing the QoS. In this paper we introduce a model that deploys security in MANETs and takes care of the Quality of Services issues to some extent. We have adopted the concept of analyzing the behavior of the node as we believe that if nodes behave properly and in a coordinated fashion, the insecurity level goes drastically down. Our methodology gives the advantage of using this approach

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