Minimized Overhead and Administrator based Secure Routing Protocol

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Abstract

As an emerging new technology a wireless communication allows users to access services electronically, wherever they might geographically be positioned. A MANET (Mobile Ad Hoc Network) is a special wireless network without any fixed infrastructure and it has dynamic topology. In this paper we have discussed a new secure routing protocol named as minimized
overhead and administrator based secure routing protocol (MOAP) for data packets, which is significantly different from existing routing protocol. We have reduced the amount of network activity for each node required to route a data packet. We have utilized our algorithm to implement this protocol and then simulate with different test cases. Finally, we have discussed how this protocol prevents various attacks which may jeopardize any wireless network.

Reference

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Index Terms

Computer Science
Network Security
### Key words

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