Impact of Malicious Node in MANETs

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Abstract

MANETs are known to possess unique and many vulnerable features. In such a case, security is again another crucial issue to be tackled. The attacks can affect the performance of the network critically. This paper therefore proposes a solution for maintain the optimum performance of the network even in presence of malicious nodes by modifying the existing DSR protocol. The simulation is performed in NS-2. The results of the scheme show that the network performance is not affected and proposed solution handles it well.

References

Index Terms

Computer Science
Wireless Communication
Keywords
Adhoc Network  Security  Malicious  Throughput  Performance