To Evaluate and Improve ZRP Protocol to Detect and Isolate Gray Hole Attack in Mobile Ad-hoc Network

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Abstract

The mobile ad-hoc network is a type of network which has decentralized and self configuring nature. Due to which malicious nodes may join the network which is responsible to trigger various type of active and passive attacks. In this work, technique will be proposed which will improve in zonal routing protocol. In the zonal routing protocol whole network is divided into zones, in each zone zonal heads are selected which is responsible to route the data from one zone to another zone. In this work, selective routing attack is possible which reduce network performance. The improvement in the zonal routing protocol will be proposed which will be based on the monitor mode technique. In the monitor mode technique, each technique will watch its adjacent technique and node which is responsible to drop packets will be detected as malicious node from the network.

References

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Index Terms
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