Abstract

A Mobile Ad hoc Network (MANET) is a collection of mobile nodes and is autonomous having communication through the insecure wireless links. The nodes in the network dynamically add and join the network. Due to this kind of nature nodes are vulnerable to various kinds of attacks. There are many threats in wireless Mobile Ad hoc Networks. MANETs suffers from intrusion in which a malicious node may or may not participate in route discovery mechanism with an intension to degrade the overall network performance. Intrusion has serious impact on routing and delivery ratio of packets. Many researchers have conducted different techniques to propose different types of detection and prevention schemes. Here various attacks types and a survey of the existing solutions is presented.

References

- G. Indirani, Dr. K. Selvakumar, V. Sivagamasundari, "Intrusion Detection and

- Htoo Maung Nyo, Piboonlitt Viriyaphol, Detecting and Eliminating Black Hole in AODV Routing, 2011 IEEE, 978-1-4244-6252-0/11
Survey of Malicious Attacks in MANET


Index Terms

Computer Science Security

Keywords

Mobile Ad hoc Network MANET Security Black hole attack Gray hole attack Worm hole attack.