Abstract

In the recent decades the mobile wireless communication becomes more attractive because of its applications in many fields. Moving from the wired communication to wireless communication, the security is the most important property to consider. Specifically in the mobile environment it has the vulnerability, because of its portability and scalability. The mobile ad hoc wireless communication has characteristics such as open medium, distributed
environment and changing topology, it makes the network into most vulnerable to the attackers to make the intrusion. The attackers (intruders) can easily enter into the network and compromises the network to behave in the favors of his choice. The Mobile Ad hoc NETwork (MANET) should have the capability to detect such intrusion (attacks) and remove it. To survive the MANET from such intrusion, an Intrusion Detection System (IDS) should be enhanced to the MANET, which can efficiently identify the attacks of the intruders. In this paper it is discussed about various intrusion detection mechanisms and techniques for the MANET to detect the intrusion and intruders.

References

- S. Sen and J. A. Clark, "Intrusion Detection in MANETs," Department of Computer Science, University of York, York, UK.

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Index Terms

Computer Science

Security

Keywords

Intrusion Detection System Manet Active Attacks Passive Attacks