A Constructive Intrusion Detection System for Preventing Attacks in Mobile ADHOC Networks

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Authors:
T. Kamaleshwar, K. Venkatachalapathy

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Abstract

Mobile Adhoc Network (MANET) is an independent system of mobile nodes connected by wireless system. The nodes are free to change dynamically and it can change the topology for the requirement. It establishing an efficient and ideal route between the communicating nodes is the elemental concern of the routing protocols of MANET. Each node not only acts as end system, but also acts as a router to forward packets. In MANET it is very difficult to design the robust security solution for various attacks. Here we are analyzing overall performance as well as the security of the Intrusion Detection system. We propose a Constructive Intrusion detection system based on the network and host based system. First of all it provided maximum security, it supports high scalability and high availability, and it provides best result on both normal and abnormal behaviors of different packets. The proposed model includes integration of individual model to produced batter results.

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Index Terms

Computer Science

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Keywords

Intrusion Detection System, Network detection system, Host based detection system.