Abstract

A Mobile Ad-hoc Network (MANET) is a mobile and multi-hop autonomous operation of wireless network. Collection of wireless mobile nodes way of forms a temporary network without using any pre-existing infrastructures. Intrusion Detection & Prevention System (IDPS) is one of the defence mechanisms to protect MANET against variety of attacks due to the dynamic topology, lack of centralized control, limited physical security and energy constrained operations. This paper aims to focus on monitored the most prominent techniques of IDS approach for determining under the conditions of critical nodes and also trigger & compare the recent Intrusion Detection mechanism based on their architecture and data gathering techniques.

References

A Recent Analysis of Intrusion Detection and Prevention System for Protecting Range of Attack using Data Gathering Technique in MANET


Index Terms

Computer Science
Communications

Keywords

Intrusion Detection and Prevention; Mobile Ad hoc Networks; Watchdog; CPDOD; Intrusion detection system; CP-KNN; Intrusion Detection & Prevention System.