Abstract

Among all the up to date wireless networks, Mobile Adhoc Network (MANET) is one amongst the foremost necessary and distinctive applications. Unfortunately, the open medium and remote distribution of MANET create it at risk of numerous kinds of attacks. So, it is crucial to develop efficient intrusion-detection mechanisms to protect MANET from attacks. In this paper, we define solid privacy requirements regarding malicious attackers in MANET. We propose and implement a new intrusion-avoidance system specially designed for MANETs. Compared to contemporary approaches, it demonstrates higher malicious-behaviour-avoidance rates in certain circumstances while does not greatly affect the network performances.

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Index Terms

Computer Science    Wireless

Keywords

MANET   Black hole Attack   AODV   Mali_AODV   SDT