A Novel method to Detect Black Hole attack in MANET using Efficient ACO Strategy for SEAD Protocol

Abstract

It is highly essential to ensure security for data transmission. Number of such work is going on to ensure secure data transmission. Due to the high growth usage of mobile in this era, it is highly essential to make use of secure mechanism in mobile. Besides the advent growth of mobile there is also a parallel growth of threats. In order to provide better performance in the mobile architecture this work ensures security for mobile nodes. Every Mobile node is liable to attack. Such nodes were declared as malicious node. This work will provide efficient strategy to fight against threats like Black hole attack using the fitness function generated from ACO (Ant Colony Optimization). Further it stops the fake route display generated from the malicious node which further declared as malicious node. Extent of this work will be DDOS (Distributed Denial of Service) for transmission of packets between mobile nodes.

References


Index Terms

Computer Science  Wireless

Keywords
Aodv  Sead Protocol  Manet’s Threats  Manet Security.