Abstract

Ad Hoc On-Demand Distance Vector (AODV) routing protocol is among the efficient routing protocols in Mobile Ad Hoc Network (MANET). Because of its routing features AODV has gained popularity compared to other routing protocols, but this protocol lacks a security features which make it more vulnerable to malicious attack particularly black hole attack. A single or cooperate black hole attacks when present in a network can deny any packet from source to reach the destination. This paper aims at presenting the current existing security techniques that are used to prevent and detect the black hole attacks in MANET.
A Survey on Security Solutions of AODV Routing Protocol against Black Hole Attack in MANET


Index Terms

Computer Science

Networks

Keywords

AODV  RREP  RREQ  MANET