MITIGATING COOPERATIVE BLACK HOLE ATTACK USING

CROSSCHECKING IN MANET

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ABSTRACT

MANET Mobile Adhoc Networks are type of wireless networks that doesn't need any infrastructure. In MANET, the position of the nodes will change dynamically. At any point of time, any node can enter and leave the network. Every node in the network acts as a router. MANET is widely used in military applications. As there is no centralized administration an attacker can easily launch an attack in the type of network. There are varieties of attacks that can be launched in MANET. Among that Black hole attack causes more deviating damage. This paper deals with co-operative black hole attack which is more severe than black hole attack. In the paper, we have proposed an approach that uses OLSR.

KEYWORDS: MANET, Reactive Routing, OLSR