In this paper, we describe the basic idea related with the implementation of AODV protocol & impact of gray hole attack on adhoc network. Information exchange in a network of mobile and wireless nodes without any infrastructure support such networks are called as adhoc networks. A Mobile adhoc network is mobile, multihop wireless network which is capable of autonomous operation. A Gray hole is a node that selectively drops and forwards data packets after advertises itself as having the shortest path to the destination node in response to a route request message. Our mechanism helps to protect the network by detecting and reacting to malicious activities of any node. The results enable us to minimize the attacks on integrated MANET-Internet communication efficiently. Simulation will be carried out by using network simulator tool so as to address the problem of detection & prevention of gray hole attack in mobile ad-hoc network.

References


Index Terms

Computer Science Wireless Security

**Keywords**