Abstract

Security is the major anxiety in mobile ad hoc network because of its characteristics such as lack of central coordination, dynamic topology; infrastructure less. In such network nodes can easily be in and out and each node has capability to route the packets. Ad hoc network is more susceptible to various kinds of threats such as black hole, Sybil attack, worm hole attack, denial of service attack, replay attack etc. Black hole attack advertises itself that has fresh shortest or optimum route to the destination and Sybil attack may engender false identities of number of additional nodes. For the detection and removal of these attack different author proposed various mechanisms. In this paper, we present the review of literature of an assortment of proposed mechanism of black hole and Sybil attack. We also discuss the pros and cons of proposed and implemented mechanism of different authors.

References


Index Terms

Computer Science

Networks

Keywords

MANET, Black hole attack, Security threats, dynamic