Abstract

Mobile ad-hoc network is a self-configuring multi-hop wireless network that's infrastructure and topology changes frequently. As the links in the wireless networks go down very frequently due to highly dynamic environment, therefore, routing becomes a critical task. In the genre of reactive protocols, Ad-hoc On-Demand Distance Vector (AODV) routing protocol is designed for use in Mobile ad-hoc Networks (MANETs). The no. of broadcasts are minimized by AODV, with the creation of routes only when the routes are needed. Routes are maintained locally. This protocol is loop free and single path. This Paper is a survey about what are the different types of attacks can occur in AODV routing Protocol and How the route Maintenance works in this protocol. This paper shows the process of creation of routes, then the types of maintenance and then at last the possible route attacks in AODV.

References


Index Terms

Computer Science
Networks
Keywords

MANET, routing protocol, node, packet, route, attack.