

Abstract Details

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Title: Black Hole Attacks Prevention in VANET

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Abstract: Mobile ad-hoc network (MANET) is a wireless network that can transfer the data from source to destination wirelessly. Now days this network is widely used all around the world because it does not require any fixed wired network to establish communication between the source and the destination. In today's scenario the mobile ad hoc network used in many real time applications like military surveillance, disaster management, air pollution monitoring etc. The mobile ad-hoc network due to the open communication medium has some security limitations there are the possibility of information leakage in the network. Many researchers are working on it to achieve the privacy concern. In MANET some routing protocols are also defined like reactive, proactive routing, and hybrid protocols. On these routing protocols there are attacks with harm the MANET for example black hole, warm hole, jellyfish, Sybil attacks etc. for these attacks some prevention techniques are their likewise AODV, PSO, Cluster-based intrusion technique, packet leases.

Keywords: MANET, AODV, PSO, Protocols, DSDV.