Mobile ad hoc network (MANET) is a network of mobile nodes in which there is no infrastructure is defined. Mobile nodes transmit their information through intermediate nodes. Since there is no predefine infrastructure, MANET suffers from many internal or external attacks. Black hole attack is one of the security attacks in MANET. In black hole attack, a malicious node replies with having a shortest path to destination and absorb the send packet by the source node instead of forwarding it to the destination node. An approach is presented for the detection of black hole attack using control packets and prevents the network by informing other nodes in network.

References

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Index Terms

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