MANET is a field of networking that is used to transmit information. MANET utilizes different routing strategies for data transmission from source to destination. Mobility is a main concern in MANET due to path management for data transmission. In this paper, MANET security has been discussed to overcome various attacks performed by attackers. In this paper, black hole attack detection has been done on the basis of dynamic detection strategies. Malicious nodes that degrade the performance of the network have been detected. The proposed approach provides much better results than previous approaches available for data communication and attack detection in MANET.

References

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**Index Terms**

Computer Science Security

**Keywords**

Black hole nodes, CRN, Mobile Ad-hoc Network