Abstract

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 the 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 an attacker. In this paper, the black hole attack detection has been done on the basis of dynamic detection strategies. A malicious node that degrades the performance of the network has been detected. The proposed approach provides much better results than previous approaches available for data communication and attack detection in MANET.

References

2. Lee, Uichin. “Efficient peer-to-peer files sharing using network coding in MANET” IEEE


Index Terms

Computer Science  Security

Keywords

Black hole nodes, CRN, Mobile Ad-hoc Network