Abstract

Mobile ad-hoc network is growing field of research where lots of work done regarding security of network. Due its infrastructure and mobility of nodes change their position newly node easily enter or exit from networks and it is highly vulnerable to attacks. In this work we study about MANET and various attacks after that various technique to prevent our network from attacks, but all have some issues so overcome this problem we proposed a trust based technique in which communication occurred only between trusted nodes. Implementation of our work done on ns-2.35 and uniqueness of our work proof by packet delivery ratio, throughput and various results.

References

Implementation of Dempster-Shafer Theory for Trust based Communication in MANET


Index Terms

Computer Science

Networks
Keywords

Dempster-shafer, trust, attacks.