Abstract

Security issues in mobile adhoc network (MANET) are veiled by various techniques that were introduced in past decade. Owing to decentralized nature of MANET, the security issues cultivates resulting in welcoming various lethal vulnerabilities. Out of all security issues in MANET, wormhole attack is considered one of the most challenging adversarial modules that tremendously affect the communication system in MANET. This paper presents various significant security techniques for mitigating wormhole attack in MANET. The uniqueness of this paper is that it presents a state-of-art study of existing survey papers and potentially emphasized on techniques for detection and prevention of wormhole attack in MANET. Finally, the study also highlights some of the significant findings as well as research gap that stand as prime contribution of the proposed paper.

References

- André, G., Hoene, C. 2005. Measuring round trip times to determine the distance


Evaluating the Research Trends and Techniques for Addressing Wormhole Attack in MANET


Index Terms

Computer Science
Security

Keywords
