Abstract

Nowadays network growing rampant manner and uses as transfer medium like data, money transaction, information etc. Even though internet plays a vital role still there is some vulnerability. Ex: virus, spam, hacking, DOS, DDos, etc. We are focusing Distributed Denial of Service; there is plenty of Denial of Service mechanism existed in that we took SYN Flood attacks.

With this view my proposed work is, an efficient method to detecting and mitigation against TCP SYN flooding attacks using Three Counters Algorithm, which detects spoofed IP packets up to 80%.
Reference

- Shigang Chen, Member, IEEE, and Qingguo Song, (2005), Perimeter–Based Defense against Bandwidth DDoS Attacks, IEEE Transactions on Parallel and Distributed systems, Vol.16, No.6, Digital Object Identifier: 10.1109/TPDS.2005.74.

Index Terms

Computer Science

Internet Security

Key words

DDoS

TCP SYN

SYN flood