Abstract

Existing DoS attack detection tools are unable to detect Low rate DoS (LDoS) attacks. Many researchers have proposed mechanisms to detect LdoS attack. But they require modifications to the existing infrastructure or protocols which is not practical. There should be a lightweight mechanism which could be integrated with existing Intrusion Detection Systems. This paper
proposes a lightweight software-based approach for LdoS detection which could be integrated with existing Intrusion detection system and does not require any change in existing infrastructure and protocol. Experimental results are provided to support the effectiveness and efficiency of proposed mechanism.

Reference

- RFC 793 Transmission Control Protocol.

Index Terms

Computer Science Security
Software based Low Rate DoS Attack Detection Mechanism

**Key words**

DoS Attacks  Shrew Attacks  LDoS

Attacks
RTO Exploitation Attack

Lighweight software.