Abstract

Denial of Service attacks are frequently presenting an increasing threat to the global inter-networking infrastructure in networking area. The algorithm for TCP congestion control algorithm is highly efficient for the various networking areas and operations as well its internal assumption of end-system cooperation results are well prone to attack by high-rate flows. A Shrew attack uses the concept of a low-rate burst which is carefully designed to use the TCP's retransmission timeout mechanism in an unfair way and can affect the bandwidth of a TCP flow in a smooth manner without coming into appearance as an intruder. An Shrew attack has further classifications such as a low rate shrew attack or an high rate shrew attack. A high rated shrew attack uses the concept of timely sending high rate packet stream in low frequency. Such attack can affect the performance of a network to a large extent.
service attacks on Adhoc networks.


Index Terms
Keywords

DDOS-Distributed Denial Of Service Attack  TCP-Transfer Control Protocol
DNS-Domain Name Services

RTO-Retransmission Time Out.