**SYN FLOOD:**

What I did:

Reset firewall on target computer

Used metasploit’s synflood

Captured packet list

Setup firewall using options below

Synflood again

Capture packet list

Analysis:

https://www.researchgate.net/publication/265181297\_Mitigating\_DoSDDoS\_attacks\_using\_iptables

# iptables -N syn\_flood

# iptables -A INPUT -p tcp --syn -j syn\_flood

# iptables -A syn\_flood -m limit --limit 1/s --

limit-burst 3 -j RETURN

# iptables -A syn\_flood -j DROP