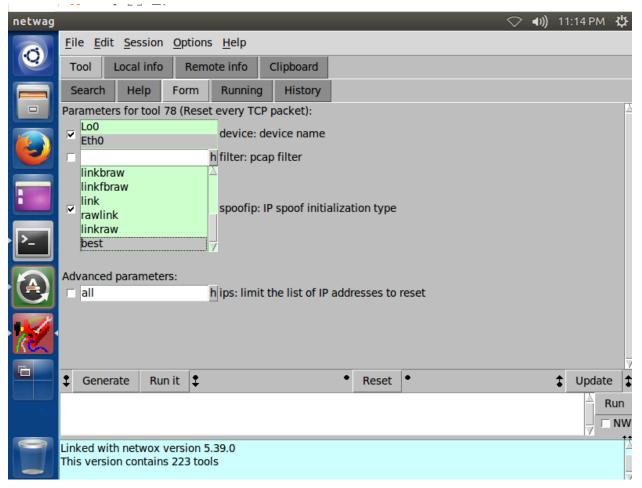
Task 1: TCP RST attack on Telnet and SSH Connections

Screenshot 1: Telnet Connection Details

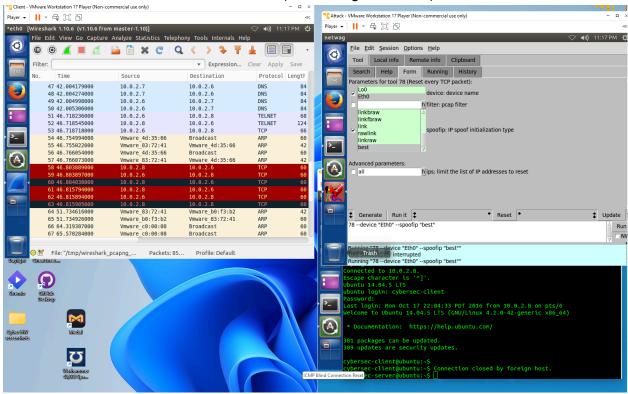
```
cybersec-server@ubuntu:~$ telnet 10.0.2.8
Trying 10.0.2.8...
Connected to 10.0.2.8.
Escape character is '^]'.
Ubuntu 14.04.5 LTS
ubuntu login: cybersec-client
Password:
Last login: Mon Oct 17 22:04:33 PDT 2016 from 10.0.2.8 on pts/6
Welcome to Ubuntu 14.04.5 LTS (GNU/Linux 4.2.0-42-generic x86_64)

* Documentation: https://help.ubuntu.com/
381 packages can be updated.
309 updates are security updates.
cybersec-client@ubuntu:~$
```

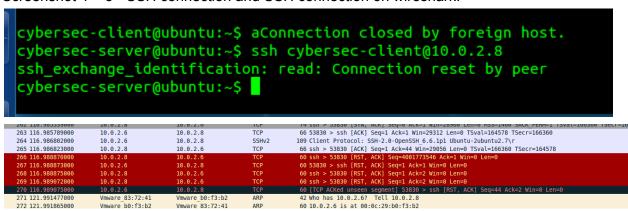
Screenshot 2: Netswag (took 78) Interface with Details.



Screenshot 3: Connection failed on server (Bottom Right Console) With wireshark results



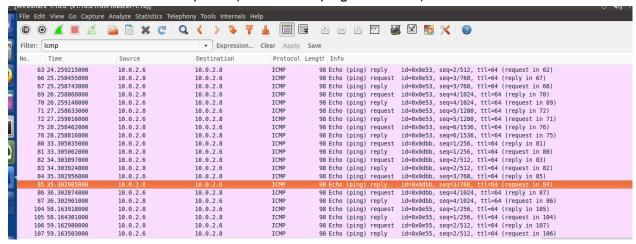
Screenshot 4 + 5 - SSH connection and SSH connection on wireshark.



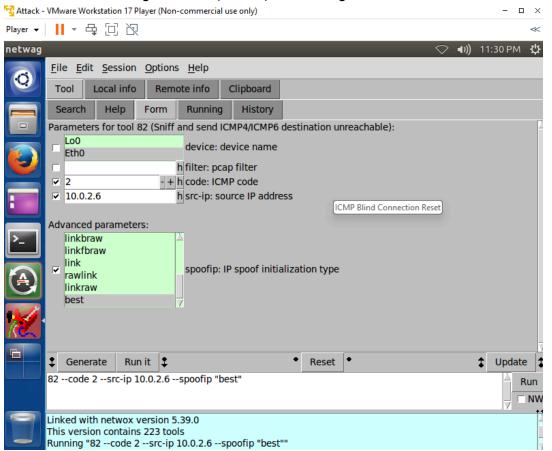
Task 2: ICMP Blind Connection Reset and Source Quench Attacks

Part 1: Blind Connection-Reset

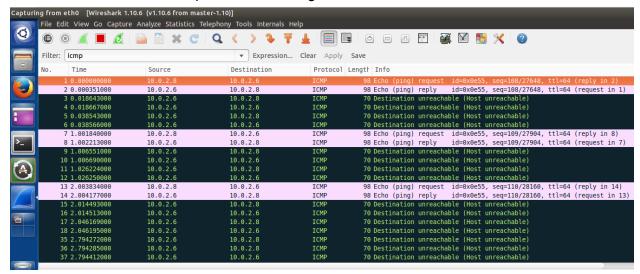
Screenshot 1: Wireshark Capture (taken of the ping from client)



Screenshot 2: Netwag Interface (tool 82) with settings

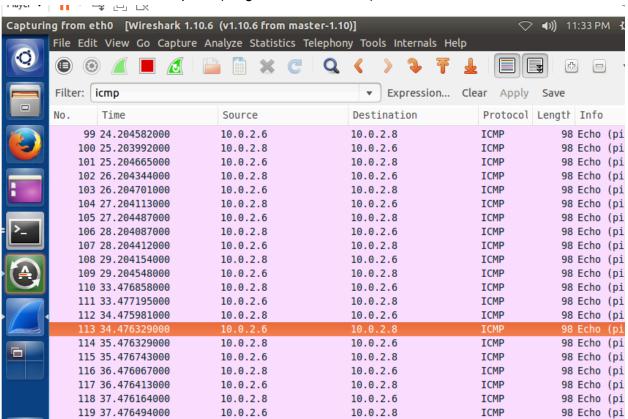


Screenshot 3: Wireshark Capture after Netwag Tool Run.

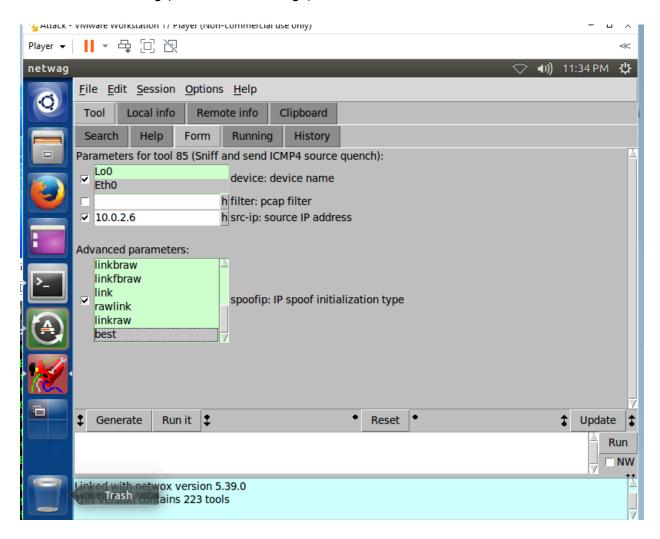


Part 2: Source-Quench Attacks

Screenshot 1: Wireshak Capture (Ping server from client)



Screenshot 2: Netwag (Took 85 with settings)

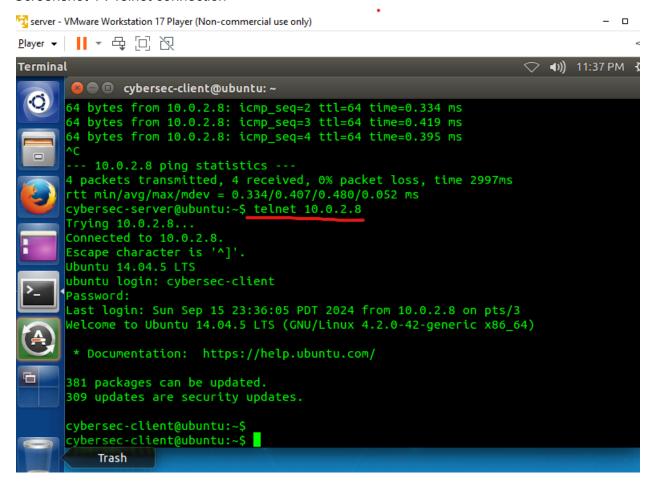


Screenshot 3: Wireshark Capture After Tool

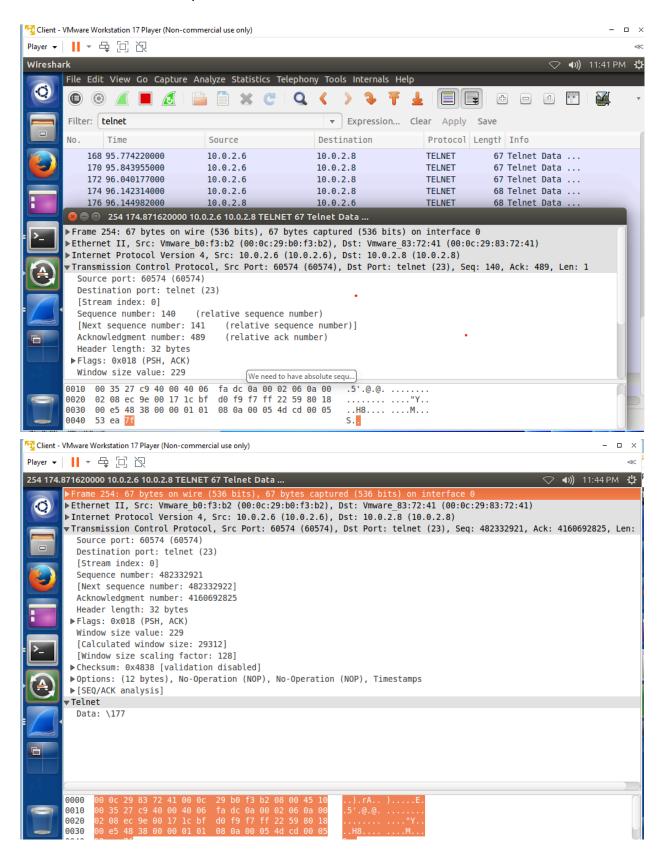
| No. | Time | Source | Destination | Protocol | Length Info |
|-----|-------------------|----------|-------------|----------|-------------------------------|
| 3 | 345 116.529437000 | 10.0.2.6 | 10.0.2.6 | ICMP | 70 Source quench (flow contro |
| 3 | 346 117.486264000 | 10.0.2.8 | 10.0.2.6 | ICMP | 98 Echo (ping) request id=0x |
| 3 | 347 117.486650000 | 10.0.2.6 | 10.0.2.8 | ICMP | 98 Echo (ping) reply id=0x |
| | 348 117.517058000 | 10.0.2.6 | 10.0.2.8 | ICMP | 70 Source quench (flow contro |
| 3 | 349 117.517077000 | 10.0.2.6 | 10.0.2.6 | ICMP | 70 Source quench (flow contro |
| 3 | 350 118.488356000 | 10.0.2.8 | 10.0.2.6 | ICMP | 98 Echo (ping) request id=0x |
| 3 | 351 118.488733000 | 10.0.2.6 | 10.0.2.8 | ICMP | 98 Echo (ping) reply id=0x |
| | 352 118.505360000 | 10.0.2.6 | 10.0.2.8 | ICMP | 70 Source quench (flow contro |
| | 353 118.505384000 | 10.0.2.6 | 10.0.2.6 | ICMP | 70 Source quench (flow contro |
| 3 | 354 119.489747000 | 10.0.2.8 | 10.0.2.6 | ICMP | 98 Echo (ping) request id=0x |
| 3 | 355 119.490130000 | 10.0.2.6 | 10.0.2.8 | ICMP | 98 Echo (ping) reply id=0x |
| | 356 119.493026000 | 10.0.2.6 | 10.0.2.8 | ICMP | 70 Source quench (flow contro |
| | 357 119.493157000 | 10.0.2.6 | 10.0.2.6 | ICMP | 70 Source quench (flow contro |
| 3 | 359 120.491417000 | 10.0.2.8 | 10.0.2.6 | ICMP | 98 Echo (ping) request id=0x |
| 3 | 360 120.491792000 | 10.0.2.6 | 10.0.2.8 | ICMP | 98 Echo (ping) reply id=0x |
| | 861 120.533162000 | 10.0.2.6 | 10.0.2.8 | ICMP | 70 Source quench (flow contro |
| 3 | 362 120.533183000 | 10.0.2.6 | 10.0.2.6 | ICMP | 70 Source quench (flow contro |
| 3 | 364 121.493030000 | 10.0.2.8 | 10.0.2.6 | ICMP | 98 Echo (ping) request id=0x |
| 3 | 365 121.493455000 | 10.0.2.6 | 10.0.2.8 | ICMP | 98 Echo (ping) reply id=0x |
| | 366 121.525491000 | 10.0.2.6 | 10.0.2.8 | ICMP | 70 Source quench (flow contro |
| | 867 121.525515000 | 10.0.2.6 | 10.0.2.6 | ICMP | 70 Source quench (flow contro |

Task 3:TCP Session Hijacking

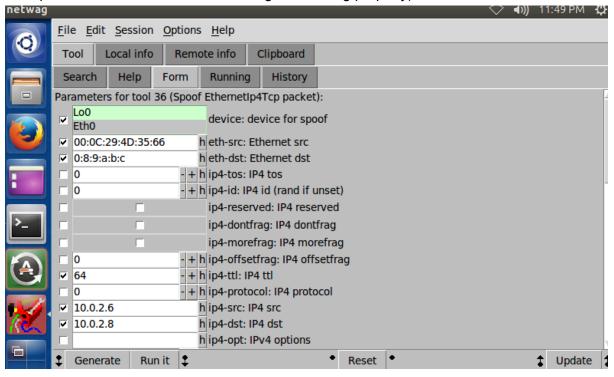
Screenshot 1: Telnet connection

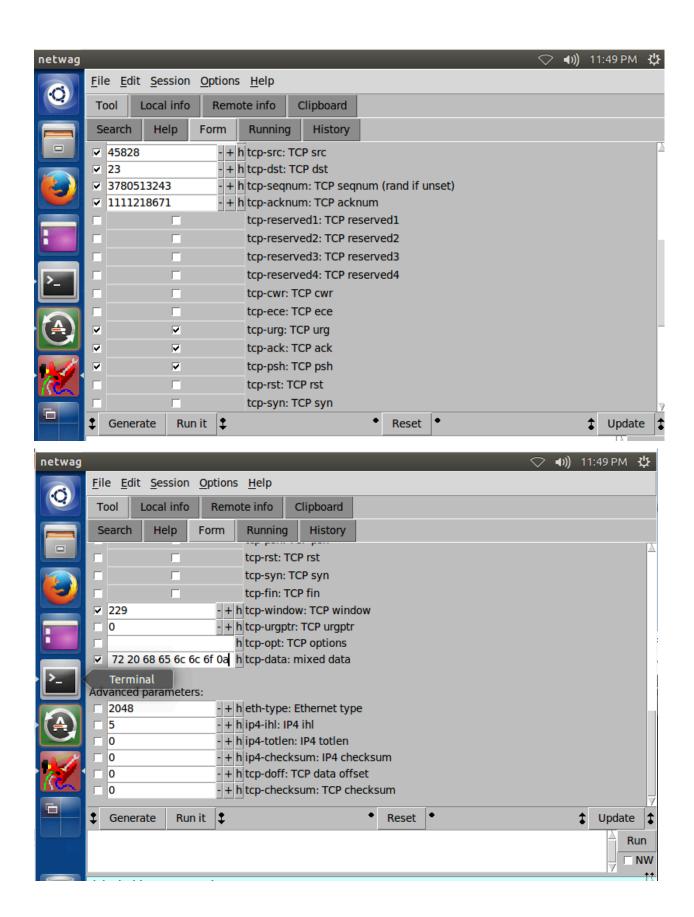


Screenshot 2: Last Telnet packet sent from Server to Client



Screenshot 3: Netwag Tool (36) With information (Note: Some fields were changed as multiple attempts were taken after screenshot to get it working properly)





Screenshot 4: Wireshark capture of telnet

| 255 174.871766000 | 10.0.2.8 | 10.0.2.6 | TELNET | 70 Telnet Data |
|-------------------|----------|----------|--------|----------------|
| 721 887.472277000 | 10.0.2.6 | 10.0.2.8 | TELNET | 66 Telnet Data |

Bonus Screenshot. Home Directory Created due to Injection of code / Hijack

```
cybersec-client@ubuntu:~

cybersec-client@ubuntu:~/Desktop$ cd ~

cybersec-client@ubuntu:~$ ls

Desktop Downloads hello Pictures Templates

Documents examples.desktop Music Public Videos

cybersec-client@ubuntu:~$
```