



# Spoofing Project: Session Report

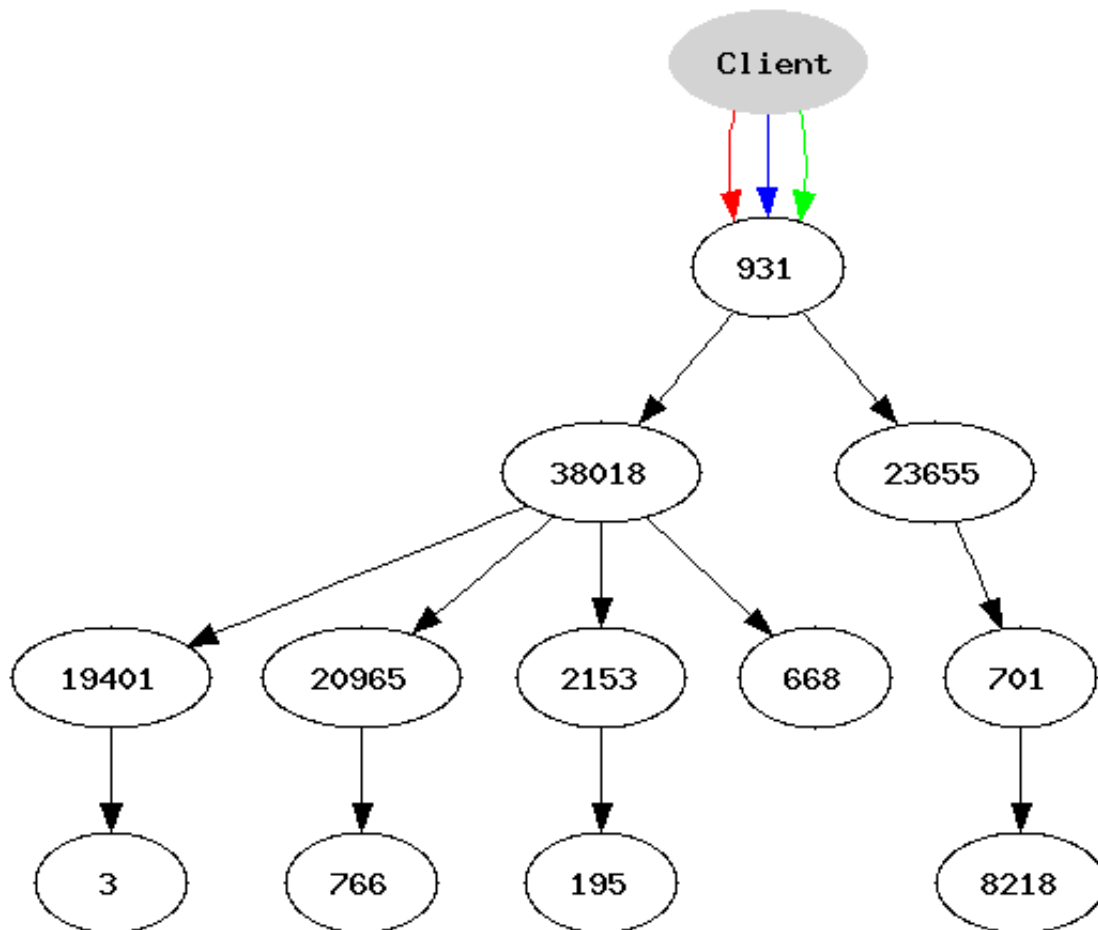
[Home](#) [Stats](#) [Download](#) [News](#)  
[FAQ](#) [Papers](#) [Contact](#)

Test run at: 2014-01-30 17:44:01  
Test from: 103.10.233.82  
Test OS: LINUX  
Sourced Probes: 54  
Test from IPv6: 2404:2000:3000:80::82  
IPv6 Probes: 23

### Route:

This test run probed the following paths in order to infer your ability to send different spoofed source packets. Each node in the graph corresponds to an autonomous system, i.e. different Internet service providers. In addition, [IP Path Details](#) are available for your test.

Traffic Key: Bogon (Unallocated) Private (RFC1918) Valid (In BGP)



### Missing (at MIT AS3):

| Spoofed Address | Description  |
|-----------------|--|
| 1.2.3.4         | The IANA unallocated source was sent, but not received.  |
| 6.1.2.3         | Spoofed packets were sent, but not received by our host. This indicates ingress or egress source filtering along the network path. |
| 172.16.1.100    | The spoofed RFC1918 private source was sent, but not received.   |

### Received (Adjacent Netblock Testing):

Your host can spoof 15 neighboring addresses (within your /28 prefix)



| Spoofed Address | True Address  | Description  |
|-----------------|---------------|--|
| 103.10.233.83   | 103.10.233.82 | Spoofing in adjacent netblock (/31) was succesful. |
| 103.10.233.80   | 103.10.233.82 | Spoofing in adjacent netblock (/30) was succesful. |
| 103.10.233.86   | 103.10.233.82 | Spoofing in adjacent netblock (/29) was succesful. |
| 103.10.233.90   | 103.10.233.82 | Spoofing in adjacent netblock (/28) was succesful. |

### Missing (Adjacent Netblock Testing):

| Spoofed Address | Description   |
|-----------------|---|
| 103.10.233.66   | Spoofing in adjacent netblock (/27) was unsuccessful. |
| 103.10.233.114  | Spoofing in adjacent netblock (/26) was unsuccessful. |
| 103.10.233.18   | Spoofing in adjacent netblock (/25) was unsuccessful. |
| 103.10.233.210  | Spoofing in adjacent netblock (/24) was unsuccessful. |
| 103.10.232.82   | Spoofing in adjacent netblock (/23) was unsuccessful. |
| 103.10.235.82   | Spoofing in adjacent netblock (/22) was unsuccessful. |
| 103.10.237.82   | Spoofing in adjacent netblock (/21) was unsuccessful. |
| 103.10.225.82   | Spoofing in adjacent netblock (/20) was unsuccessful. |
| 103.10.249.82   | Spoofing in adjacent netblock (/19) was unsuccessful. |
| 103.10.201.82   | Spoofing in adjacent netblock (/18) was unsuccessful. |
| 103.10.169.82   | Spoofing in adjacent netblock (/17) was unsuccessful. |
| 103.10.105.82   | Spoofing in adjacent netblock (/16) was unsuccessful. |
| 103.11.233.82   | Spoofing in adjacent netblock (/15) was unsuccessful. |
| 103.8.233.82    | Spoofing in adjacent netblock (/14) was unsuccessful. |
| 103.14.233.82   | Spoofing in adjacent netblock (/13) was unsuccessful. |
| 103.2.233.82    | Spoofing in adjacent netblock (/12) was unsuccessful. |
| 103.26.233.82   | Spoofing in adjacent netblock (/11) was unsuccessful. |
| 103.42.233.82   | Spoofing in adjacent netblock (/10) was unsuccessful. |
| 103.74.233.82   | Spoofing in adjacent netblock (/9) was unsuccessful.  |
| 103.138.233.82  | Spoofing in adjacent netblock (/8) was unsuccessful.  |

### Egress Filtering Depth:

The [tracefilter](#) test found your host unable to spoof valid, non-adjacent source addresses through even the first IP hop.

### IPv6:

| Spoofed Address        | Destination                 | Success |
|------------------------|-----------------------------|---------|
| 2001:4978:1fb:6400::d2 | 2001:468:d01:103::80df:9d08 | No      |
| 2001:49aa:111:aa00::11 | 2001:468:d01:103::80df:9d08 | No      |
| fe80:1111::11          | 2001:468:d01:103::80df:9d08 | No      |

### Summary:

The results from all tests are aggregated to produce a summary, `` [State of IP Spoofing](#)'' report.

**Feedback:**

We appreciate any additional feedback you may have on these results - both to help us improve our testing and explain filtering idiosyncracies:

Turned on rpf-check on the relevant interfaces on the Juniper router that connects this network to the wider net.

My AS is 132003 which is represented in the diagram as 931 (132003 mod 65536)

Email Address (optional):