

1)

| http && ip.addr == 64.233.169.104 |          |                  |                  |          |        |                 |
|-----------------------------------|----------|------------------|------------------|----------|--------|-----------------|
|                                   | Time     | Destination      | Source           | Protocol | Length | Info            |
| 56                                | 7.109267 | www.l.google.com | 192.168.1.100    | HTTP     | 689    | GET / HTTP/1.1  |
| 60                                | 7.158797 | 192.168.1.100    | www.l.google.com | HTTP     | 814    | HTTP/1.1 200 OK |
| 62                                | 7.281399 | www.l.google.com | 192.168.1.100    | HTTP     | 719    | GET /intl/en_A  |
| 73                                | 7.349451 | 192.168.1.100    | www.l.google.com | HTTP     | 226    | HTTP/1.1 200 OK |
| 75                                | 7.370185 | www.l.google.com | 192.168.1.100    | HTTP     | 809    | GET /extern_js  |
| 92                                | 7.448649 | 192.168.1.100    | www.l.google.com | HTTP     | 648    | HTTP/1.1 200 OK |
| 94                                | 7.492324 | www.l.google.com | 192.168.1.100    | HTTP     | 695    | GET /extern_ch  |
| 100                               | 7.537353 | 192.168.1.100    | www.l.google.com | HTTP     | 870    | HTTP/1.1 200 OK |
| 107                               | 7.652836 | www.l.google.com | 192.168.1.100    | HTTP     | 712    | GET /images/na  |
| 112                               | 7.682361 | www.l.google.com | 192.168.1.100    | HTTP     | 806    | GET /csi?v=3&s  |
| 119                               | 7.685786 | 192.168.1.100    | www.l.google.com | HTTP     | 1359   | HTTP/1.1 200 OK |
| 122                               | 7.709490 | www.l.google.com | 192.168.1.100    | HTTP     | 670    | GET /favicon.i  |
| 124                               | 7.737783 | 192.168.1.100    | www.l.google.com | HTTP     | 269    | HTTP/1.1 204 No |
| 127                               | 7.763501 | 192.168.1.100    | www.l.google.com | HTTP     | 1204   | HTTP/1.1 200 OK |

192.168.1.100

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| http && ip.addr == 64.233.169.104 |          |                  |                  |          |        |                                 |
|-----------------------------------|----------|------------------|------------------|----------|--------|---------------------------------|
| No.                               | Time     | Destination      | Source           | Protocol | Length | Info                            |
| 56                                | 7.109267 | www.l.google.com | 192.168.1.100    | HTTP     | 689    | GET / HTTP/1.1                  |
| 60                                | 7.158797 | 192.168.1.100    | www.l.google.com | HTTP     | 814    | HTTP/1.1 200 OK (text/html)     |
| 62                                | 7.281399 | www.l.google.com | 192.168.1.100    | HTTP     | 719    | GET /intl/en_ALL/images/logo.gi |
| 73                                | 7.349451 | 192.168.1.100    | www.l.google.com | HTTP     | 226    | HTTP/1.1 200 OK (GIF89a)        |
| 75                                | 7.370185 | www.l.google.com | 192.168.1.100    | HTTP     | 809    | GET /extern_js/f/CgJlbhIcdXMrMA |

http && ip.addr == 64.233.169.104

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| Wireshark · Paket 56 · NAT_home_side.pcap   |  |
|---|--|
| ▶ Frame 56: 689 bytes on wire (5512 bits), 689 bytes captured (5512 bits)                                     |  |
| ▶ Ethernet II, Src: HonHaiPrecis_0d:ca:8f (00:22:68:0d:ca:8f), Dst: CiscoLinksys_45:1f:1b (00:22:6b:45:1f:1b) |  |
| ▶ Internet Protocol Version 4, Src: 192.168.1.100 (192.168.1.100), Dst: www.l.google.com (64.233.169.104)     |  |
| ▼ Transmission Control Protocol, Src Port: 4335, Dst Port: 80, Seq: 1, Ack: 1, Len: 635                       |  |
| Source Port: 4335   |  |
| Destination Port: 80  |  |
| [Stream index: 2]   |  |
| ▶ [Conversation completeness: Incomplete, DATA (15)]  |  |
| [TCP Segment Len: 635]  |  |
| Sequence Number: 1 (relative sequence number)   |  |
| Sequence Number (raw): 4164040421   |  |
| [Next Sequence Number: 636 (relative sequence number)]  |  |
| Acknowledgment Number: 1 (relative ack number)  |  |
| Acknowledgment number (raw): 3914283157   |  |
| 0101 .... = Header Length: 20 bytes (5)   |  |

Get isteginde

Source: 192.168.1.100,

Source port 4335

Destination:

(64.233.169.104)

Src Port: 4335, Dst Port: 80,

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Frame 60: 814 bytes on wire (6512 bits), 814 bytes captured (6512 bits) on interface 0
Ethernet II, Src: Ciscosys_45:1f:1b (00:22:6b:45:1f:1b), Dst: HonHaiPrecis_0d:ca:8f (00:22:68:0d:ca:8f)
Internet Protocol Version 4, Src: www.l.google.com (64.233.169.104), Dst: 192.168.1.100 (192.168.1.100)
Transmission Control Protocol, Src Port: 80, Dst Port: 4335, Seq: 2861, Ack: 636, Len: 760
  Source Port: 80
  Destination Port: 4335
  [Stream index: 2]
  ▶ [Conversation completeness: Incomplete, DATA (15)]
  [TCP Segment Len: 760]
  Sequence Number: 2861 (relative sequence number)
  Sequence Number (raw): 3914286017
  [Next Sequence Number: 3621 (relative sequence number)]
  Acknowledgment Number: 636 (relative ack number)
  Acknowledgment number (raw): 4164041056
  0101 .... = Header Length: 20 bytes (5)
  ▶ Flags: 0x018 (PSH, ACK)
  000 00 22 68 0d ca 8f 00 22 6b 45 1f 1b 08 00 45 20 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  010 03 20 f6 1e 00 00 32 06 e3 3b 40 e9 a9 68 c0 a8 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  020 01 64 00 50 10 ef e9 4f 43 c1 f8 32 39 60 50 18 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  030 00 60 52 55 00 00 b6 ca 78 d5 b6 ec 90 f0 06 4f 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
```

Ok

Dest 192.168.1.100,

Dest port 4335

Source :

(64.233.169.104)

Src Port: 4335, Dst Port: 80,

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```
Frame 55: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: HonHaiPrecis_0d:ca:8f (00:22:68:0d:ca:8f), Dst: CiscoLinksys_45:1f:1b (00:22:6b:45:1f:1b)
Internet Protocol Version 4, Src: 192.168.1.100 (192.168.1.100), Dst: www.l.google.com (64.233.169.104)
Transmission Control Protocol, Src Port: 4335, Dst Port: 80, Seq: 0, Len: 0
  Source Port: 4335
  Destination Port: 80
  [Stream index: 2]
  [Conversation completeness: Incomplete, DATA (15)]
  [TCP Segment Len: 0]
  Sequence Number: 0 (relative sequence number)
  Sequence Number (raw): 4164040420
  [Next Sequence Number: 1 (relative sequence number)]
  Acknowledgment Number: 0
  Acknowledgment number (raw): 0
  1000 .... = Header Length: 32 bytes (8)
```

```
0000  00 22 6b 45 1f 1b 00 22 68 0d ca 8f 08 00 45 00  -"kE... " h....E.
0010  00 34 a2 aa 40 00 80 06 ab bb c0 a8 01 64 40 e9  -4-@-...-...d@.
0020  a9 68 10 ef 00 50 f8 32 36 e4 00 00 00 00 80 02  -h...P-2 6-...
0030  ff ff 82 62 00 00 02 04 05 b4 01 03 03 02 01 01  -...b-...-...
0040  04 02
```

Syn

internet Protocol Version 4, src: 192.168.1.100 (192.168.1.100), Dst: www.l.google.com (64.233.169.104)

Transmission Control Protocol, Src Port: 4335, Dst Port: 80, Seq: 0, Len:

Syn Ack

Internet Protocol Version 4, Src: www.l.google. com (64.233.169.104), Dst: 192.168.1.100 (192.168.1.100)

Transmission Control Protocol, Src Port: 80, Dst Port: 4335, Seq: e, Ack: 1, L en: 0

6. 6.069168

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```
Frame 85: 689 bytes on wire (5512 bits), 689 bytes captured (5512 bits) on interface 0
Ethernet II, Src: Dell_4f:36:23 (00:08:74:4f:36:23), Dst: h1.5.41.24.static.ip.windstream.net (00:0e:d6:bf:6c:01)
Internet Protocol Version 4, Src: c-71-192-34-104.hsdl.ma.comcast.net (71.192.34.104), Dst: www.l.google.com (64.233.169.104)
Transmission Control Protocol, Src Port: 4335, Dst Port: 80, Seq: 1, Ack: 1, Len: 635
  Source Port: 4335
  Destination Port: 80
  [Stream index: 2]
  [Conversation completeness: Incomplete, DATA (15)]
  [TCP Segment Len: 635]
  Sequence Number: 1 (relative sequence number)
  Sequence Number (raw): 4164040421
  [Next Sequence Number: 636 (relative sequence number)]
  Acknowledgment Number: 1 (relative ack number)
  Acknowledgment number (raw): 3914283157
  0101 .... = Header Length: 20 bytes (5)
```

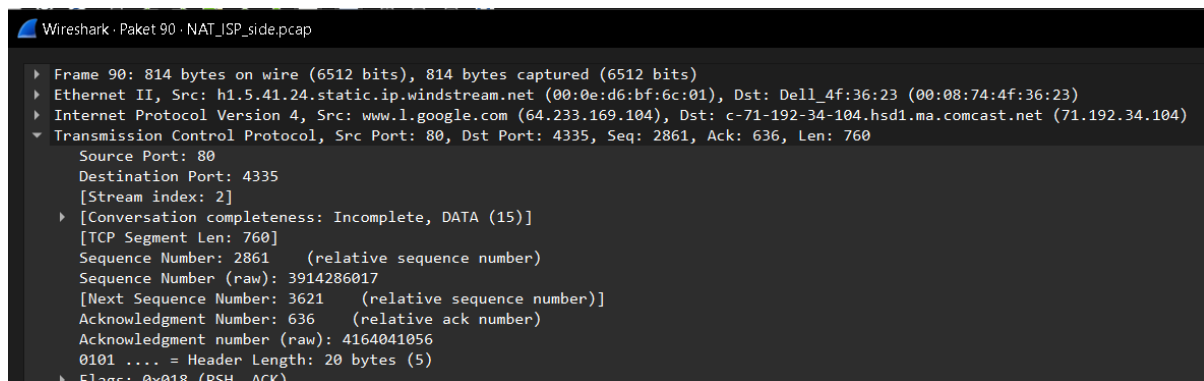
Src: c- 71-192-34-104. hsdl.ma.comcast.net (71.192.34.104),

Dst: www.l.google.com (64.233.169.104)

Transmission Control Protocol,

Src Port: 4335, Dst Port: 80, Seq: 1, Ack: 1, Len: 635

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Src: www.l.google.com (64.233.169.104), Dst: c-71-192-34-104.hsd1.ma.comcast.net (71.192.34.104)

Transmission Control Protocol, Src Port: 80, Dst Port: 4335, Seq: 2861, Ack: 636, Len: 7

Src: www.l.google.com (64.233.169.104), Dst: c-71-192-34-104.hsd1.ma.comcast.net (71.192.34.104)

Transmission Control Protocol, Src Port: 80, Dst Port: 4335, Seq: e, Ack: 1, Len: 0

8 Source. www.l.google.com (64.233.169.104), Dst: c-71-192-34-104.hsd1.ma.comcast.net (71.192.34.104)

Transmission Control Protocol, Src Port: 80, Dst Port: 4335, Seq: 0, Ack: 1, Len: 0