Davi Ventura Cardoso Perdigão - 82148
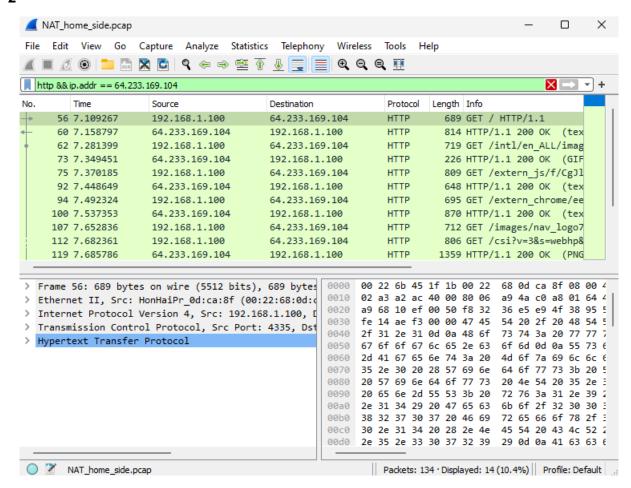
1- 192.168.1.100


```
∨ Address Resolution Protocol (request)
      Hardware type: Ethernet (1)
      Protocol type: IPv4 (0x0800)
      Hardware size: 6
      Protocol size: 4
      Opcode: request (1)
      Sender MAC address: Dell_58:98:2a (00:21:7
      Sender IP address: 169.254.247.145
      Target MAC address: 00:00:00_00:00:00 (00:
      Target IP address: 192.168.1.101
```

2-

3 -
IP ORIGEM: 192.168.1.1000
IP DESTINO: 64.233.169.104

PORTA ORIGEM: 4335
PORTA DESTINO: 80

Transmission Control Protocol, Src Port: 4:
  Source Port: 4335
  Destination Port: 80 ←
  [Stream index: 2]
  [Conversation completeness: Incomplete,
  [TCP Segment Len: 635]
  Sequence Number: 1   (relative sequence
  Sequence Number (raw): 4164040421
  [Next Sequence Number: 636   (relative
  Acknowledgment Number: 1   (relative ac
  Acknowledgment number (raw): 3914283157
  0101 .... = Header Length: 20 bytes (5)
> Flags: 0x018 (PSH, ACK)
  Window: 65044
  [Calculated window size: 260176]
  [Window size scaling factor: 4]
  Checksum: 0x386d [unverified]
  [Checksum Status: Unverified]
  Urgent Pointer: 0

4 -

[5 Reassembled TCP Segments (5020 bytes):
Hypertext Transfer Protocol
> HTTP/1.1 200 OK\r\n
  Date: Sun, 20 Sep 2009 20:43:07 GMT\r\n
  Expires: -1\r\n
  Cache-Control: private, max-age=0\r\n
  Content-Type: text/html; charset=UTF-8\r
  Content-Encoding: gzip\r\n
  Server: gws\r\n
> Content-Length: 3417\r\n
  \r\n
  [HTTP response 1/5]
  [Time since request: 0.048402000 seconds
  [Request in frame: 85]
  [Next request in frame: 93]
  [Next response in frame: 103]
  [Request URI: http://www.google.com/]
  Content-encoded entity body (gzip): 3417
  File Data: 8468 bytes

5 -
SYN
IP DE ORIGEM 192.168.1.100
IP DE DESTINO: 64.233.169.104

PORTA ORIGEM: 4335
PORTA DESTINO: 80

ACK:
IP DE ORIGEM: 64.233.169.104
IP DE DESTINO: 192.168.1.100

PORTA ORIGEM: 80
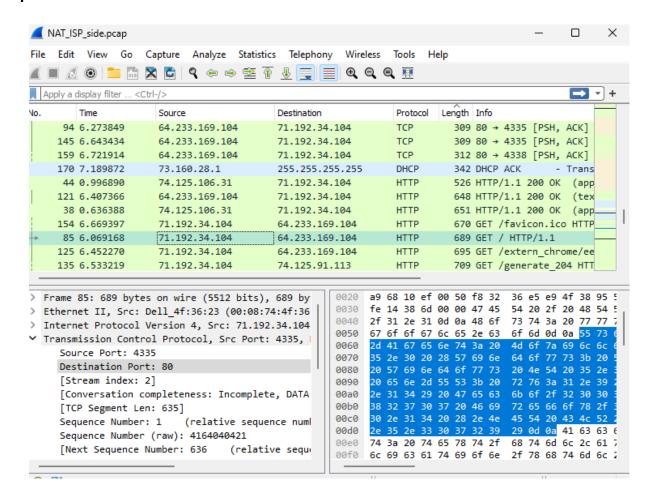**PORTA DESTINO: 4335**

6-
IP DE ORIGEM: 71.192.34.104
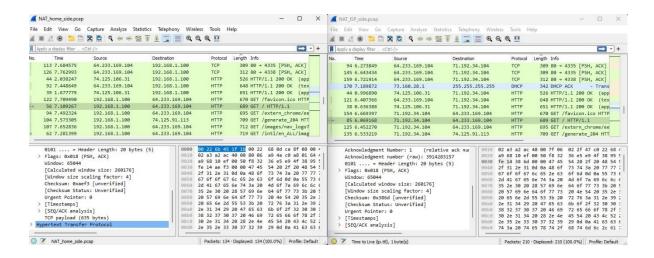**IP DE DESTINO: 64.233.169.104**

PORTA ORIGEM: 4335
PORTA DESTINO: 80

TIME: 6.069

7 -

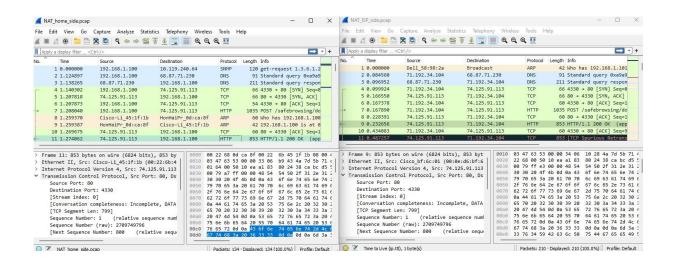O Campo checksum mudou, ele é usado para verificar a integridade dos dados do pacote IP na transmissão.

8 -
IP DE ORIGEM: 74.125.91.113
IP DE DESTINO: 71.192.34.104

PORTA ORIGEM: 80
PORTA DESTINO: 4330

As portas permanecem com os mesmos valores.
O ip de origem,destino mudou em relação ao do arquivo NAT_home_side

```
Header Checksum: 0x4941 [validation disa
[Header checksum status: Unverified]
Source Address: 71.192.34.104
Destination Address: 74.125.91.113
Transmission Control Protocol, Src Port: 43
   Source Port: 4330
   Destination Port: 80
   [Stream index: 0]
   [Conversation completeness: Incomplete,
   [TCP Segment Len: 0]
   Sequence Number: 0    (relative sequence
   Sequence Number (raw): 952809727
   [Next Sequence Number: 1    (relative se
   Acknowledgment Number: 0
   Acknowledgment number (raw): 0
   1000 .... = Header Length: 32 bytes (8)
 > Flags: 0x002 (SYN)
   Window: 65535
```