

The screenshot displays the Wireshark network protocol analyzer interface. The top menu bar includes File, Edit, View, Go, Capture, Analyze, Statistics, Telephony, Wireless, and Help. The main window is divided into three panes: Packet List, Packet Details, and Packet Bytes.

- Packet List:** Shows a list of captured packets. The selected packet is No. 151, Time 10.512432, Source 2404:6800:4007:80c::200a, Destination 2404:6800:4007:80c::2d8a, Protocol UDP, Length 140, Info 58304 → 58304 Len=78.
- Packet Details:** Shows the hierarchical structure of the selected packet. The expanded sections include:
  - Ethernet II:** Src: 7ac8:88:dd:1d:9f (7ac8:88:dd:1d:9f), Dst: Intel 7c:64:ce (00:bb:60:7c:64:ce)
  - Internet Protocol Version 6:** Src: 2404:6800:4007:80c::200a, Dst: 2404:6800:4007:80c::2d8a
  - User Datagram Protocol:** Src Port: 443, Dst Port: 58304
- Packet Bytes:** Shows the raw data of the packet in hexadecimal and ASCII. The data starts with 00 bb 60 7c 64 ce 7a cb 88 dd 1f 9f 86 dd eb 00, which corresponds to the destination IP address in hexadecimal.

The status bar at the bottom indicates that 5951 packets are displayed, with 3946 (66.3%) of them shown. The system clock shows 15:14 on 17-03-2025.

The screenshot displays the Wireshark interface with a network capture of a TCP Reset (RST) packet. The packet list shows a packet from 10.110.196.201 to 10.110.196.281, Seq=1641, Ack=315. The packet details show it's a TCP Reset (RST) with Seq=1, Len=1. The packet bytes show the TCP header and a single byte of data.

# DNS Traffic

Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

dns

No.	Time	Source	Destination	Protocol	Length	Info
10	0.509776	10.110.196.2	10.110.196.201	DNS	201	Standard query response 0x327a AAAA nav-edge.smartscreen.microsoft.com CNAME prod-atm-wds-edge.trafficmanager.net CNAME prod-agic-jw-2...
11	0.568779	10.110.196.2	10.110.196.201	DNS	214	Standard query response 0xb1c6 A nav-edge.smartscreen.microsoft.com CNAME prod-atm-wds-edge.trafficmanager.net CNAME prod-agic-jw-2...
264	27.551189	10.110.196.201	10.110.196.2	DNS	110	Standard query 0x2d60 A stream-production.avcdn.net OPT
265	27.589048	10.110.196.2	10.110.196.201	DNS	213	Standard query response 0x2d60 A stream-production.avcdn.net CNAME stream-production.avcdn.net.akamaized.net CNAME a630.dscd.akamai...
289	29.256623	10.110.196.201	10.110.196.2	DNS	95	Standard query 0x574c A optimizationguide-pa.googleapis.com
298	29.256830	10.110.196.201	10.110.196.2	DNS	95	Standard query 0x9a2c AAAA optimizationguide-pa.googleapis.com
291	29.343873	10.110.196.201	10.110.196.2	DNS	95	Standard query 0x9a2c AAAA optimizationguide-pa.googleapis.com

Frame 11: 214 bytes on wire (1712 bits), 214 bytes captured (1712 bits) on interface \Device\NPF\_{DABA9E...}

Ethernet II, Src: 7a:c8:88:dd:1d:9f (7a:c8:88:dd:1d:9f), Dst: Intel\_7c:64:ce (00:bb:60:7c:64:ce)

Internet Protocol Version 4, Src: 10.110.196.2, Dst: 10.110.196.201

User Datagram Protocol, Src Port: 53, Dst Port: 53512

Source Port: 53

Destination Port: 53512

Length: 180

Checksum: 0x3149 [unverified]

[Checksum Status: Unverified]

[Stream index: 3]

[Stream Packet Number: 2]

[Timestamps]

UDP payload (172 bytes)

Domain Name System (response)

Transaction ID: 0xb1c6

Flags: 0x8180 Standard query response, No error

Questions: 1

Answer RRs: 3

Authority RRs: 0

Additional RRs: 0

Queries

Answers

[Request In: 8]

[Time: 0.065263000 seconds]

0000 00 bb 60 7c 64 ce 7a c8 88 dd 1d 9f 00 00 45 00 ... | d z ... E  
0010 00 c8 70 b9 40 00 40 11 2b c4 0a 6e c4 02 0a 6e ... p @ + n n  
0020 c4 c9 00 35 d1 08 00 b4 31 49 b1 c6 81 80 00 01 ... 5 ... 1 I  
0030 00 03 00 00 00 00 08 6e 61 76 2d 65 64 67 65 0b ... n av-edge  
0040 73 6d 61 72 74 73 63 72 65 65 6a 09 6d 69 63 72 ... smartscreen micr  
0050 6f 73 6f 66 74 03 63 6f 6d 00 00 01 00 01 c0 0c ... osoft co  
0060 00 05 00 01 00 00 00 2d 00 26 11 70 72 6f 64 2d ... & prod-  
0070 61 74 6d 2d 77 64 73 2d 65 64 67 65 0e 74 72 61 ... atm-wds- edge tra  
0080 66 66 69 63 6d 61 6e 61 67 65 72 03 6e 65 74 00 ... fficmana ger net  
0090 c0 40 00 05 00 01 00 00 00 0e 00 2a 0e 70 72 6f ... @ ... + pro  
00a0 64 2d 61 67 69 63 2d 6a 77 2d 32 09 6a 61 70 61 ... d-agic-j w-2 japa  
00b0 6e 77 65 73 74 08 63 6c 6f 75 64 61 70 70 05 61 ... nwest cl oudapp a  
00c0 7a 75 72 65 c0 2b c0 72 00 01 00 01 00 00 00 00 ... zure + n  
00d0 00 04 14 d2 a6 3b ...

Domain Name System: Protocol

Packets: 7007 - Displayed: 372 (5.3%)

Profile: Default

33°C Sunny

Search

ENG IN

15:15 17-03-2023