

RTMP

Traffic analysis when pulling the RTMP stream

Use the `rtmpt` filter or filter by the port number: `tcp.port==1935`, to see RTMP traffic between WCS and the source of the RTMP stream.

The image shows a Wireshark capture of RTMP traffic. The packet list pane displays several RTMP packets, including a handshake (C0+C1), C2 handshake, connect, result, createStream, result, play, onStatus, and video data. The packet details pane for the first packet (No. 50859) shows the following structure:

- Frame 50859: 1605 bytes on wire (12840 bits), 1605 bytes captured (12840 bits)
- Linux cooked capture
- Internet Protocol Version 4, Src: 95.191.131.64, Dst: 213.152.6.238
- Transmission Control Protocol, Src Port: 33002, Dst Port: 1935, Seq: 1, Ack: 1, Len: 1537
- Real Time Messaging Protocol (Handshake C0+C1)

The packet bytes pane shows the raw data in hexadecimal and ASCII:

```
0000 00 04 00 01 00 06 00 50 56 04 34 f5 00 00 08 00 .....P V.4....
0010 45 00 06 35 31 c8 40 00 40 06 43 75 5f bf 83 40 E..51.@.@.Cu...@
0020 d5 98 06 ee 00 ea 07 8f 10 3f 75 8c 5f 7b bf 75 .....?u...[u
0030 60 18 00 e5 c5 ad 00 00 01 00 0a c0 45 44 c3 .....ED.
0040 9a 5b a9 0e 03 00 00 00 00 4c db bd 00 ad 3f 07 [.....L...?
0050 9b 33 89 6d 53 18 82 d2 10 37 a9 da 23 ed 98 b6 .3.mS...7.#...
0060 9d 72 4a 2a 29 6f 01 ba 8d 71 06 5b 8d 84 60 1c .rJ)o...q[...
0070 9b a0 51 21 08 2b 93 aa c2 9c 84 ee d7 8a e2 a9 ..q1+.....
0080 d7 db 1d 0d c9 61 f5 84 07 a6 52 7f 14 ec 61 35 .k...a...b...s
0090 cf 19 43 4c 07 70 4e 2f 42 6d 16 3f 46 3a 2c 18 ..CL.xN/ Bm?F;..
00a0 1c cd 57 70 72 21 97 b1 29 a9 a1 e0 c1 bf 96 79 ..Mpr!...).....y
00b0 65 08 aa fb ce 84 2f 5a e8 08 d1 28 b9 d2 38 a4 e...../Z ...(.8.
00c0 d1 72 8f 02 52 bb 13 7a c4 9a c9 20 9d 6b f7 c3 .r..R..z ...k..
```

