

A dark blue vertical bar is positioned on the left side of the slide. A blue arrow-shaped banner points to the right from this bar, containing the date. In the bottom-left corner, there are several thin, curved, light blue lines that sweep upwards and to the right.

25/11/2020

ΔΙΚΤΥΑ II

Wireshark

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ΑΡΙΣΤΟΤΕΛΕΙΟ ΠΑΝΑΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΟΝΙΚΗΣ (ΗΜΜΥ)

Η 3η μέτρηση πραγματοποιήθηκε στις 25/11 από 12:32-14:32 με τους παρακάτω κωδικούς όπως φαίνεται στην εικόνα.

Εργασία σε δικτυακό προγραμματισμό : Java socket programming

Client public address : 86.105.190.80

Client listening port : 48024

Server public address : 155.207.18.208

Server listening port : 38024

Echo request code : E6510

Image request code : M1499

Audio request code : A2054 Ad-hoc real-time audio streaming

Ithakicopter code : Q4838 Remote flying micro-platform

Vehicle OBD-II code : V3843 Onboard car fault diagnostics

Διάρκεια εργαστηρίου από 12:32 έως 14:32 σήμερα 25-11-2020

Αριθμός φοιτητών/φοιτητριών online στο εργαστήριο : 19

Echo Packets

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ip.addr==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
98	22	192.168.2.59	155.207.18.208	UDP	47	65439 → 38024 Len=5
100	23	155.207.18.208	192.168.2.59	UDP	74	58824 → 48024 Len=32
101	23	192.168.2.59	155.207.18.208	UDP	47	65439 → 38024 Len=5
102	25	155.207.18.208	192.168.2.59	UDP	74	58824 → 48024 Len=32
103	25	192.168.2.59	155.207.18.208	UDP	47	65439 → 38024 Len=5
104	25	155.207.18.208	192.168.2.59	UDP	74	58824 → 48024 Len=32
105	25	192.168.2.59	155.207.18.208	UDP	47	65439 → 38024 Len=5
106	26	155.207.18.208	192.168.2.59	UDP	74	58824 → 48024 Len=32
107	26	192.168.2.59	155.207.18.208	UDP	47	65439 → 38024 Len=5
108	27	155.207.18.208	192.168.2.59	UDP	74	58824 → 48024 Len=32
109	27	192.168.2.59	155.207.18.208	UDP	47	65439 → 38024 Len=5
112	28	155.207.18.208	192.168.2.59	UDP	74	58824 → 48024 Len=32
113	28	192.168.2.59	155.207.18.208	UDP	47	65439 → 38024 Len=5
115	29	155.207.18.208	192.168.2.59	UDP	74	58824 → 48024 Len=32
116	29	192.168.2.59	155.207.18.208	UDP	47	65439 → 38024 Len=5
117	31	155.207.18.208	192.168.2.59	UDP	74	58824 → 48024 Len=32

> Frame 99: 47 bytes on wire (376 bits), 47 bytes captured (376 bits) on interface \Device\NPF_{10EB6F3A-3283-4CFD-8577-052113973AAB}.

> Ethernet II, Src: IntelCor_86:6a:f5 (7c:67:a2:86:6a:f5), Dst: zte_9a:f8:3e (28:e8:82:9a:f8:3e)

> Internet Protocol Version 4, Src: 192.168.2.59, Dst: 155.207.18.208

> User Datagram Protocol, Src Port: 65439, Dst Port: 38024

▼ Data (5 bytes)

Data: 4936353130

[Length: 5]

<

0000 20 e8 82 9a f8 3e 7c 67 a2 86 6a f5 08 00 45 00>|g...E

0010 00 21 9b 27 00 00 00 11 2e 22 c9 a8 02 3b 9b cf<|f...<

0020 12 d8 ff 9f 94 88 00 0d 4f c1 45 36 35 31 300E6510

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ip.addr==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
177	32	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
178	32	192.168.2.59	155.207.18.208	UDP	47	52333 → 38024 Len=5
179	32	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
180	32	192.168.2.59	155.207.18.208	UDP	47	52333 → 38024 Len=5
181	32	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
182	33	192.168.2.59	155.207.18.208	UDP	47	52333 → 38024 Len=5
183	33	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
184	32	192.168.2.59	155.207.18.208	UDP	47	52333 → 38024 Len=5
185	35	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
186	35	192.168.2.59	155.207.18.208	UDP	47	52333 → 38024 Len=5
187	35	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
188	35	192.168.2.59	155.207.18.208	UDP	47	52333 → 38024 Len=5
189	35	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
190	34	192.168.2.59	155.207.18.208	UDP	47	52333 → 38024 Len=5
191	34	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
192	34	192.168.2.59	155.207.18.208	UDP	47	52333 → 38024 Len=5

Frame 96: 47 bytes on wire (376 bits), 47 bytes captured (376 bits) on interface \Device\NPF_{10E86F3A-3283-4CFD-8577-052113973AAB}, Ethernet II, Src: IntelCor_86:6a:f5 (7c:67:a2:86:6a:f5), Dst: zte_9a:f0:3e (20:e8:82:9a:f0:3e)
Internet Protocol Version 4, Src: 192.168.2.59, Dst: 155.207.18.208
User Datagram Protocol, Src Port: 52333, Dst Port: 38024
Data (5 bytes)
Data: 45380a3e
[Length: 5]

0000 20 e8 82 9a f0 3e 7c 67 a2 86 6a f5 00 00 45 00>|g--j---E-
0010 00 21 90 68 00 00 00 11 24 e1 c0 a8 02 3b 90 cf [i-B-.....1-1-1-
0020 12 d0 c5 f7 94 88 00 0d 89 69 45 36 35 31 301f6510

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ip.addr==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
16	9	192.168.2.59	155.207.18.208	UDP	47	54736 → 38024 Len=5
18	11	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
19	11	192.168.2.59	155.207.18.208	UDP	47	54736 → 38024 Len=5
20	13	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
21	13	192.168.2.59	155.207.18.208	UDP	47	54736 → 38024 Len=5
24	14	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
25	14	192.168.2.59	155.207.18.208	UDP	47	54736 → 38024 Len=5
28	15	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
29	15	192.168.2.59	155.207.18.208	UDP	47	54736 → 38024 Len=5
32	17	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
33	17	192.168.2.59	155.207.18.208	UDP	47	54736 → 38024 Len=5
36	19	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
37	19	192.168.2.59	155.207.18.208	UDP	47	54736 → 38024 Len=5
39	21	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
40	21	192.168.2.59	155.207.18.208	UDP	47	54736 → 38024 Len=5
42	23	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32

Frame 16: 47 bytes on wire (376 bits), 47 bytes captured (376 bits) on interface \Device\NPF_{10E86F3A-3283-4CFD-8577-052113973AAB}, Ethernet II, Src: IntelCor_86:6a:f5 (7c:67:a2:86:6a:f5), Dst: zte_9a:f0:3e (20:e8:82:9a:f0:3e)
Internet Protocol Version 4, Src: 192.168.2.59, Dst: 155.207.18.208
User Datagram Protocol, Src Port: 54736, Dst Port: 38024
Data (5 bytes)
Data: 4538353130
[Length: 5]

0000 20 e8 82 9a f0 3e 7c 67 a2 86 6a f5 00 00 45 00>|g--j---E-
0010 00 21 90 68 00 00 00 11 24 e1 c0 a8 02 3b 90 cf [i-B-.....1-1-1-
0020 12 d0 c5 f7 94 88 00 0d 89 69 45 36 35 31 30yE6510

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ip.addr==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
5	6	192.168.2.59	155.207.18.208	UDP	47	56079 → 38024 Len=5
6	8	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
7	8	192.168.2.59	155.207.18.208	UDP	47	56079 → 38024 Len=5
8	8	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
9	8	192.168.2.59	155.207.18.208	UDP	47	56079 → 38024 Len=5
10	9	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
11	9	192.168.2.59	155.207.18.208	UDP	47	56079 → 38024 Len=5
12	9	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
13	9	192.168.2.59	155.207.18.208	UDP	47	56079 → 38024 Len=5
14	10	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
15	10	192.168.2.59	155.207.18.208	UDP	47	56079 → 38024 Len=5
16	10	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
17	10	192.168.2.59	155.207.18.208	UDP	47	56079 → 38024 Len=5
18	11	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32
19	11	192.168.2.59	155.207.18.208	UDP	47	56079 → 38024 Len=5
21	11	155.207.18.208	192.168.2.59	UDP	74	58024 → 48024 Len=32

Frame 51: 47 bytes on wire (376 bits), 47 bytes captured (376 bits) on interface \Device\NPF_{10E86F3A-3283-4CFD-8577-052113973AAB}, id 0
Ethernet II, Src: IntelCor_86:6a:f5 (7c:67:a2:86:6a:f5), Dst: zte_9a:f0:3e (20:e8:82:9a:f0:3e)
Internet Protocol Version 4, Src: 192.168.2.59, Dst: 155.207.18.208
User Datagram Protocol, Src Port: 56079, Dst Port: 38024
Data (5 bytes)
Data: 4526353130
[Length: 5]

0000 20 e8 82 9a f0 3e 7c 67 a2 86 6a f5 00 00 45 00>|g--j---E-
0010 00 21 90 68 00 00 00 11 24 e1 c0 a8 02 3b 90 cf [i-B-.....1-1-1-
0020 12 d0 c5 f7 94 88 00 0d 89 69 45 36 35 31 301f6510

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ip.addr == 155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
1	0	192.168.2.59	155.207.18.208	UDP	47	48906 → 58924 Len=5
2	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
3	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
4	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
5	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
6	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
7	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
8	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
9	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
10	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
11	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
12	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
13	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
14	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
15	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
16	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128
17	0	155.207.18.208	192.168.2.59	UDP	170	58924 → 48924 Len=128

Frame 1: 47 bytes on wire (376 bits), 47 bytes captured (376 bits) on interface \Device\NPF_{10C6073A-3203-4CDD-0577-002113973A0D}, Id 0
 Ethernet II, Src: IntelCor_06:6a:1f5 (7c:07:a2:96:6a:1f5), Dst: zte_9a:10:3e (20:c8:b2:19:a1:03e)
 Internet Protocol Version 4, Src: 192.168.2.59, Dst: 155.207.18.208
 User Datagram Protocol, Src Port: 48906, Dst Port: 58924

Data (5 bytes)

Data: 4d31143939
[Length: 5]

0000 20 c8 b2 9a 10 3e 7c 67 a2 86 6a 1f 08 00 45 00|g...E
 0018 00 21 9b d0 00 00 80 11 2d 79 c0 a8 02 3b 9b cfy...
 0020 12 d0 c2 c2 e4 88 00 0d 7c 7b 4d 31 34 39 39|01499

The image shows a Wireshark packet capture analysis of an ARP request. The packet list shows a packet from 192.168.2.59 to 192.168.2.50. The packet details pane shows the Ethernet II, Internet Protocol Version 4, and User Datagram Protocol (UDP) layers. The packet bytes pane shows the raw data in hexadecimal and ASCII.

Packet List:

No.	Time	Source	Destination	Protocol	Length	Info
23	2	192.168.2.59	192.168.2.50	UDP	50	53558 → 38024 Len=8
24	2	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128
25	2	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128
26	2	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128
27	2	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128
28	2	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128
29	2	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128
30	2	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128
31	2	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128
32	2	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128
33	2	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128
34	2	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128
35	2	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128
36	2	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128
37	3	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128
38	3	192.168.2.59	192.168.2.50	UDP	170	58024 → 48024 Len=128

Packet Details:

- Frame 23: 50 bytes on wire (400 bits), 50 bytes captured (400 bits) on interface \Device\NPF{10F86F3A-3283-4CFD-8577-D52113973AAE}, Id 0
- Ethernet II, Src: IntelCor_B0:6a:f5 (7c:67:a2:86:6a:f5), Dst: zte_9a:f0:3e (20:e8:82:9a:f0:3e)
- Internet Protocol Version 4, Src: 192.168.2.59, Dst: 192.168.2.50
- User Datagram Protocol, Src Port: 53558, Dst Port: 38024
- Data (8 bytes)

Packet Bytes:

Data: 4d31343639505456
[Length: 8]

Packet Hex:

```

0000  20 e8 82 9a f0 3e 7c 67  a2 86 6a f5 08 00 45 00  ---->|g f--E-
0010  08 24 0b 01 20 00 00 11  2d f5 20 0a 02 3b 9b cf  5 8 0 0 0 0 0 0 0 0 0 0
0020  12 00 01 36 98 08 00 18  19 77 4d 31 34 36 39 50  ----6---->4d313436
0030  54 56                                     12

```

The image shows a Wireshark packet capture analysis of a SYN flood attack. The packet list pane displays a series of SYN packets from 192.168.2.59 to 192.168.2.58. The packet details pane shows the selected packet (No. 200) with Ethernet II, Internet Protocol Version 4, and User Datagram Protocol fields. The packet bytes pane shows the raw data in hexadecimal and ASCII.

Packet List:

No.	Time	Source	Destination	Protocol	Length	Info
209	48	192.168.2.59	192.168.2.58	UDP	47	51934 → 38024 Len=58824
210	48	155.207.18.208	192.168.2.59	UDP	170	58824 → 48024 Len=128
211	48	155.207.18.208	192.168.2.59	UDP	170	58824 → 48024 Len=128
212	48	155.207.18.208	192.168.2.59	UDP	170	58824 → 48024 Len=128
213	48	155.207.18.208	192.168.2.59	UDP	170	58824 → 48024 Len=128
214	48	155.207.18.208	192.168.2.59	UDP	170	58824 → 48024 Len=128
215	49	155.207.18.208	192.168.2.59	UDP	170	58824 → 48024 Len=128
216	49	155.207.18.208	192.168.2.59	UDP	170	58824 → 48024 Len=128
217	49	155.207.18.208	192.168.2.59	UDP	170	58824 → 48024 Len=128
218	49	155.207.18.208	192.168.2.59	UDP	170	58824 → 48024 Len=128
219	49	155.207.18.208	192.168.2.59	UDP	170	58824 → 48024 Len=128
220	49	155.207.18.208	192.168.2.59	UDP	170	58824 → 48024 Len=128
221	49	192.168.2.59	155.207.18.208	UDP	46	51934 → 38024 Len=4
222	49	155.207.18.208	192.168.2.59	UDP	170	58824 → 48024 Len=128
223	49	155.207.18.208	192.168.2.59	UDP	170	58824 → 48024 Len=128
224	49	155.207.18.208	192.168.2.59	UDP	170	58824 → 48024 Len=128

Packet Details:

- Frame 200: 47 bytes on wire (376 bits), 47 bytes captured (376 bits) on interface \Device\NPF... 51934 → 38024, id 0
- Ethernet II, Src: IntelCor_86:6a:f5 (7c:67:a2:86:6a:f5), Dst: zte_9a:f0:3e (20:e8:82:9a:f0:3e)
- Internet Protocol Version 4, Src: 192.168.2.59, Dst: 155.207.18.208
- User Datagram Protocol, Src Port: 51934, Dst Port: 38024

Packet Bytes:

Data: 0d31549399
[Length: 5]

Hex: 0d 31 54 93 99

ASCII: .

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ip.addr==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
34	12	192.168.2.59	155.207.18.208	UDP	47	54170 → 38024 Len=5
39	12	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
40	12	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
41	12	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
42	12	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
43	12	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
45	12	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
46	12	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
47	12	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
48	12	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
49	12	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
50	12	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
51	12	192.168.2.59	155.207.18.208	UDP	46	54170 → 38024 Len=4
52	12	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
53	12	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
54	12	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128

> Frame 34: 47 bytes on wire (376 bits), 47 bytes captured (376 bits) on interface \Device\NPF_{10EB6F3A-32B3-4CFD-B577-D52113973AAB}, id 0

> Ethernet II, Src: IntelCor_86:6a:f5 (7c:67:a2:86:6a:f5), Dst: zte_9a:f0:3e (28:e8:82:9a:f0:3e)

> Internet Protocol Version 4, Src: 192.168.2.59, Dst: 155.207.18.208

> User Datagram Protocol, Src Port: 54170, Dst Port: 38024

> Data (5 bytes)

Data: 4d3143039

[Length: 5]

0000 20 c8 82 9a f0 3e 7c 67 a2 86 6a f5 08 00 45 00|g...E

0010 00 21 9b fa 00 00 80 11 2d 4f c0 a9 02 3b 9b cf-B...;

0020 12 08 d3 9a 94 88 00 0d 5b c3 4d 31 43 39 39k11499

Audio packets

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tcp.stream eq 42

No.	Time	Source	Destination	Protocol	Length	Info
2	1	192.168.2.59	155.207.18.208	UDP	51	57793 → 38024 Len=9
3	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
4	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
5	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
6	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
7	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
8	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
9	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
10	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
11	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
12	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
13	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
14	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
15	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
16	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128
17	1	155.207.18.208	192.168.2.59	UDP	170	58024 → 48024 Len=128

> Frame 2: 51 bytes on wire (408 bits), 51 bytes captured (408 bits) on interface \Device\NPF_{10EB6F3A-32B3-4CFD-B577-D52113973AAB}, id 0

> Ethernet II, Src: IntelCor_86:6a:f5 (7c:67:a2:86:6a:f5), Dst: zte_9a:f0:3e (28:e8:82:9a:f0:3e)

> Internet Protocol Version 4, Src: 192.168.2.59, Dst: 155.207.18.208

> User Datagram Protocol, Src Port: 57793, Dst Port: 38024

> Data (9 bytes)

Data: 413258353446393939

[Length: 9]

0000 20 c8 82 9a f0 3e 7c 67 a2 86 6a f5 08 00 45 00|g...E

0010 00 25 9c 0c 00 00 80 11 2d 39 c8 a8 02 3b 9b cf-B...;

0020 12 08 d3 9a 94 88 00 11 00 18 41 32 58 35 34 46A0544

0030 49 39 399999

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tcp.stream eq 42

No.	Time	Source	Destination	Protocol	Length	Info
2	0	192.168.2.59	155.207.18.208	UDP	53	63073 → 38024 Len=11
3	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132
4	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132
5	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132
7	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132
8	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132
9	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132
10	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132
11	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132
12	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132
13	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132
14	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132
15	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132
17	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132
18	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132
19	0	155.207.18.208	192.168.2.59	UDP	174	58024 → 48024 Len=132

> Frame 2: 53 bytes on wire (424 bits), 53 bytes captured (424 bits) on interface \Device\NPF_{10EB6F3A-32B3-4CFD-B577-D52113973AAB}, id 0

> Ethernet II, Src: IntelCor_86:6a:f5 (7c:67:a2:86:6a:f5), Dst: zte_9a:f0:3e (28:e8:82:9a:f0:3e)

> Internet Protocol Version 4, Src: 192.168.2.59, Dst: 155.207.18.208

> User Datagram Protocol, Src Port: 63073, Dst Port: 38024

> Data (11 bytes)

Data: 4132583534415146393939

[Length: 11]

0000 20 c8 82 9a f0 3e 7c 67 a2 86 6a f5 08 00 45 00|g...E

0010 00 27 9c 0d 00 00 80 11 2d 38 c8 a8 02 3b 9b cf-B...;

0020 12 08 d3 9a 94 88 00 13 07 12 45 32 39 35 34 41A0544

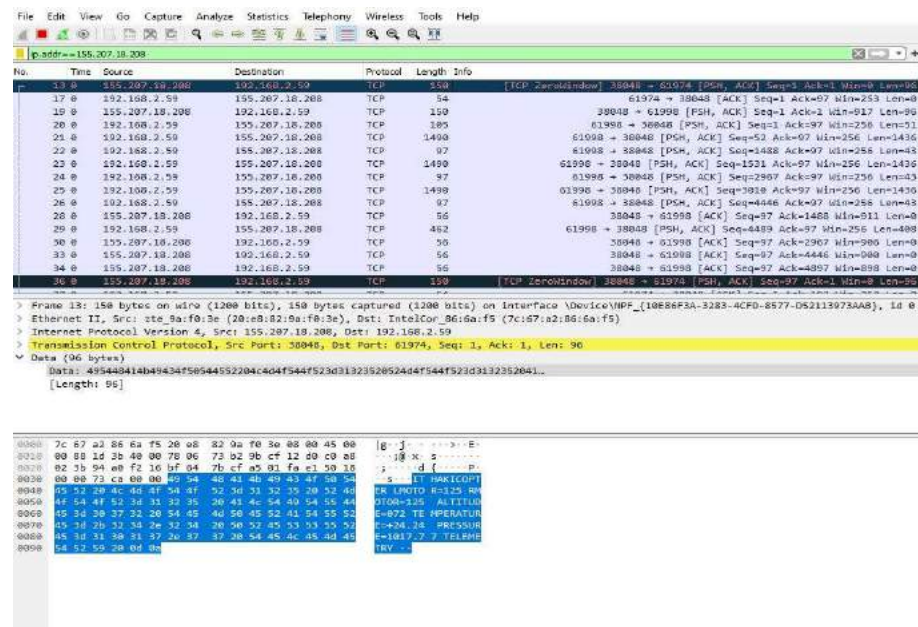
0030 51 46 39 399999

Wireshark capture of traffic on interface \Device\NPF_{10E86F3A-3283-4CF0-B577-D52113973AAB}. The packet list shows a series of UDP packets from 192.168.2.59 to 192.168.2.58. The packet details pane shows the structure of a packet: Ethernet II, Internet Protocol Version 4, and User Datagram Protocol. The packet bytes pane shows the raw data in hexadecimal and ASCII.

Wireshark capture of traffic on interface \Device\NPF_{10E86F3A-3283-4CF0-B577-D52113973AAB}. The packet list shows a series of UDP packets from 192.168.2.59 to 192.168.2.58. The packet details pane shows the structure of a packet: Ethernet II, Internet Protocol Version 4, and User Datagram Protocol. The packet bytes pane shows the raw data in hexadecimal and ASCII.

Copter

Wireshark capture of traffic on interface \Device\NPF_{10E86F3A-3283-4CF0-B577-D52113973AAB}. The packet list shows a series of TCP packets from 192.168.2.59 to 192.168.2.58. The packet details pane shows the structure of a packet: Ethernet II, Internet Protocol Version 4, and Transmission Control Protocol. The packet bytes pane shows the raw data in hexadecimal and ASCII.



OBD

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ip.addr==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
1	0	192.168.2.59	192.168.2.59	TCP	68	29078 → 62016 [PSH, ACK] Seq=1 Ack=1 Win=1025 Len=12
2	0	192.168.2.59	155.207.18.208	TCP	126	62016 → 29078 [PSH, ACK] Seq=1 Ack=13 Win=255 Len=72
3	0	155.207.18.208	192.168.2.59	TCP	68	29078 → 62016 [PSH, ACK] Seq=13 Ack=73 Win=1025 Len=12
4	0	192.168.2.59	155.207.18.208	TCP	126	62016 → 29078 [PSH, ACK] Seq=73 Ack=25 Win=255 Len=72
5	0	155.207.18.208	192.168.2.59	TCP	68	29078 → 62016 [PSH, ACK] Seq=25 Ack=145 Win=1025 Len=12
6	0	192.168.2.59	155.207.18.208	TCP	126	62016 → 29078 [PSH, ACK] Seq=145 Ack=37 Win=255 Len=72
7	0	155.207.18.208	192.168.2.59	TCP	68	29078 → 62016 [PSH, ACK] Seq=37 Ack=217 Win=1024 Len=12
8	0	192.168.2.59	155.207.18.208	TCP	126	62016 → 29078 [PSH, ACK] Seq=217 Ack=49 Win=255 Len=72
9	0	155.207.18.208	192.168.2.59	TCP	68	29078 → 62016 [PSH, ACK] Seq=49 Ack=209 Win=1024 Len=12
10	0	192.168.2.59	155.207.18.208	TCP	126	62016 → 29078 [PSH, ACK] Seq=209 Ack=61 Win=255 Len=72
11	0	155.207.18.208	192.168.2.59	TCP	68	29078 → 62016 [PSH, ACK] Seq=61 Ack=361 Win=1024 Len=12
12	0	192.168.2.59	155.207.18.208	TCP	126	62016 → 29078 [PSH, ACK] Seq=361 Ack=73 Win=255 Len=72
13	0	155.207.18.208	192.168.2.59	TCP	68	29078 → 62016 [PSH, ACK] Seq=73 Ack=433 Win=1024 Len=12
14	0	192.168.2.59	155.207.18.208	TCP	126	62016 → 29078 [PSH, ACK] Seq=433 Ack=85 Win=255 Len=72
17	0	155.207.18.208	192.168.2.59	TCP	68	29078 → 62016 [PSH, ACK] Seq=85 Ack=505 Win=1024 Len=12
18	0	192.168.2.59	155.207.18.208	TCP	126	62016 → 29078 [PSH, ACK] Seq=505 Ack=97 Win=255 Len=72

Frame 1: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on Interface \Device\NPF{10E86F3A-32B3-4CFD-B577-052113973AAB}, Id 0

Ethernet II, Src: zte_9a:f0:3e (20:e8:82:9a:f0:3e), Dst: IntelCor_86:6a:f5 (7c:67:a2:86:6a:f5)

Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.2.59

Transmission Control Protocol, Src Port: 29078, Dst Port: 62016, Seq: 1, Ack: 1, Len: 12

VSS Monitoring Ethernet trailer, Source Port: 49774

Data: 34312631452030302045300d

[Length: 12]

VSS Monitoring Ethernet trailer, Source Port: 49774

0000 7c 67 a2 86 6a f5 20 e8 82 9a f0 3e 08 00 45 00 |g...E|

0010 00 34 23 65 40 00 78 06 6d dc fb cf 12 d0 c0 a8 |4...x|

0020 02 3b 71 96 f2 40 ef a5 db 53 b7 86 0a 7c 50 18 |:q...P|

0030 04 01 a5 e5 00 00 54 31 20 31 45 30 30 20 45 |...11P...|

0040 70 05 c2 6e |n|

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ip.addr==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
6	2	192.168.2.59	155.207.18.208	TCP	66	62022 → 29078 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
7	3	155.207.18.208	192.168.2.59	TCP	68	29078 → 62022 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=1460 WS=256 SACK_PERM=1
8	3	192.168.2.59	155.207.18.208	TCP	54	62022 → 29078 [ACK] Seq=1 Ack=1 Win=66048 Len=0
28	14	192.168.2.59	155.207.18.208	TCP	60	62022 → 29078 [PSH, ACK] Seq=1 Ack=1 Win=66048 Len=6
29	14	155.207.18.208	192.168.2.59	TCP	66	29078 → 62022 [PSH, ACK] Seq=7 Ack=7 Win=262656 Len=12
30	14	192.168.2.59	155.207.18.208	TCP	60	62022 → 29078 [PSH, ACK] Seq=7 Ack=13 Win=65792 Len=6
31	14	155.207.18.208	192.168.2.59	TCP	56	29078 → 62022 [ACK] Seq=13 Ack=13 Win=262656 Len=0
32	14	192.168.2.59	155.207.18.208	TCP	120	62022 → 29078 [PSH, ACK] Seq=13 Ack=13 Win=65792 Len=66
33	14	155.207.18.208	192.168.2.59	TCP	68	29078 → 62022 [PSH, ACK] Seq=13 Ack=13 Win=262656 Len=12
34	14	192.168.2.59	155.207.18.208	TCP	54	62022 → 29078 [ACK] Seq=79 Ack=25 Win=65792 Len=6
35	14	155.207.18.208	192.168.2.59	TCP	56	29078 → 62022 [ACK] Seq=25 Ack=79 Win=262656 Len=0
36	14	192.168.2.59	155.207.18.208	TCP	126	62022 → 29078 [PSH, ACK] Seq=79 Ack=25 Win=65792 Len=72
37	14	155.207.18.208	192.168.2.59	TCP	68	29078 → 62022 [PSH, ACK] Seq=25 Ack=79 Win=262656 Len=12
38	14	192.168.2.59	155.207.18.208	TCP	54	62022 → 29078 [ACK] Seq=151 Ack=37 Win=65792 Len=0
39	14	155.207.18.208	192.168.2.59	TCP	56	29078 → 62022 [ACK] Seq=37 Ack=151 Win=262656 Len=0
40	14	192.168.2.59	155.207.18.208	TCP	68	29078 → 62022 [PSH, ACK] Seq=37 Ack=151 Win=262656 Len=12

Frame 7: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on Interface \Device\NPF{10E86F3A-32B3-4CFD-B577-052113973AAB}, Id 0

Ethernet II, Src: zte_9a:f0:3e (20:e8:82:9a:f0:3e), Dst: IntelCor_86:6a:f5 (7c:67:a2:86:6a:f5)

Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.2.59

Transmission Control Protocol, Src Port: 29078, Dst Port: 62022, Seq: 0, Ack: 1, Len: 0

VSS Monitoring Ethernet trailer, Source Port: 32422

0000 7c 67 a2 86 6a f5 20 e8 82 9a f0 3e 08 00 45 00 |g...E|

0010 00 34 23 c1 40 00 78 06 6d 80 9b cf 12 d0 c0 a8 |4...x|

0020 02 3b 71 96 f2 40 ef a5 db 53 b7 86 0a 7c 50 18 |:q...P|

0030 ff ff 77 30 00 00 02 04 05 9c 01 03 03 00 01 01 |...|

0040 64 02 82 8e |...|

