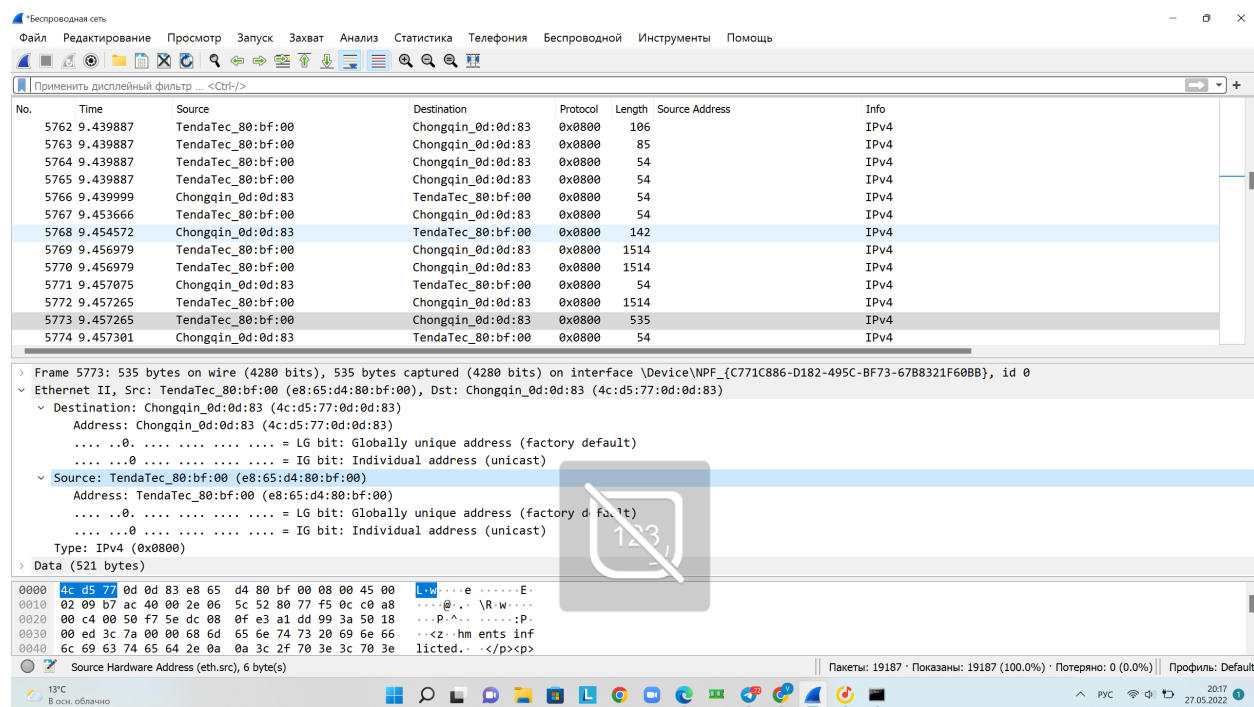


Компьютерные сети. Лаба 14

1. Wireshark : Ethernet и ARP

1. Source: Chongqin_0d:0d:83 (4c:d5:77:0d:0d:83)
2. С помощью `ipconfig /all` нашел устройство с совпадающим адресом
Адаптер беспроводной локальной сети Беспроводная сеть:
MediaTek Wi-Fi 6 MT7921 Wireless LAN Card
3. Source: TendaTec_80:bf:00 (e8:65:d4:80:bf:00)
Это wi-fi роутер.
4. Адрес назначения совпадает с Ethernet адресом моего компьютера.



1. Source: 4c:d5:77:0d:0d:83
Destination: ff:ff:ff:ff:ff:ff

2. Да

Sender IP address: 192.168.0.196

3. Target MAC address: 00:00:00:00:00:00

Target IP address: 192.168.0.1

4. Target MAC address: Chongqin_0d:0d:83 (4c:d5:77:0d:0d:83)

Target IP address: 192.168.0.1

The screenshot shows the Wireshark interface with a packet capture of ARP traffic. The top pane displays a list of packets, with packet 3125 selected. The middle pane shows the details of the selected packet, and the bottom pane shows the raw packet data in hexadecimal and ASCII.

No.	Time	Source	Destination	Protocol	Length	Source Address	Info
595	0.140325	TendaTec_80:bf:00	Chongqin_0d:0d:83	ARP	60		Who has 192.168.0.196? Tell 192.168.0.1
598	0.140394	Chongqin_0d:0d:83	TendaTec_80:bf:00	ARP	42		192.168.0.196 is at 4c:d5:77:0d:0d:83
2782	11.151465	TendaTec_80:bf:00	Chongqin_0d:0d:83	ARP	60		Who has 192.168.0.196? Tell 192.168.0.1
2783	11.151479	Chongqin_0d:0d:83	TendaTec_80:bf:00	ARP	42		192.168.0.196 is at 4c:d5:77:0d:0d:83
3084	22.162413	TendaTec_80:bf:00	Chongqin_0d:0d:83	ARP	60		Who has 192.168.0.196? Tell 192.168.0.1
3085	22.162430	Chongqin_0d:0d:83	TendaTec_80:bf:00	ARP	42		192.168.0.196 is at 4c:d5:77:0d:0d:83
3125	24.948657	Chongqin_0d:0d:83	Broadcast	ARP	42		Who has 192.168.0.1? Tell 192.168.0.196
3126	24.951068	TendaTec_80:bf:00	Chongqin_0d:0d:83	ARP	42		192.168.0.1 is at e8:65:d4:80:bf:00
3272	33.171433	TendaTec_80:bf:00	Chongqin_0d:0d:83	ARP	60		Who has 192.168.0.196? Tell 192.168.0.1
3273	33.171449	Chongqin_0d:0d:83	TendaTec_80:bf:00	ARP	42		192.168.0.196 is at 4c:d5:77:0d:0d:83
3371	44.182809	TendaTec_80:bf:00	Chongqin_0d:0d:83	ARP	60		Who has 192.168.0.196? Tell 192.168.0.1
3372	44.182842	Chongqin_0d:0d:83	TendaTec_80:bf:00	ARP	42		192.168.0.196 is at 4c:d5:77:0d:0d:83

Protocol type: IPv4 (0x0800)
Hardware size: 6
Protocol size: 4
Opcode: request (1)
Sender MAC address: Chongqin_0d:0d:83 (4c:d5:77:0d:0d:83)
Sender IP address: 192.168.0.196
Target MAC address: 00:00:00:00:00:00 (00:00:00:00:00:00)
Target IP address: 192.168.0.1

0000 ff ff ff ff ff ff 4c d5 77 0d 0d 83 08 06 00 01L. W.....
0010 08 00 06 04 00 01 4c d5 77 0d 0d 83 c0 a8 00 c4L. W.....
0020 00 00 00 00 00 00 c0 a8 00 01

Target MAC address (arp.dst.hw_mac), 6 byte(s) | Пакеты: 3389 · Показаны: 12 (0.4%) · Потеряно: 0 (0.0%) | Профили: Default