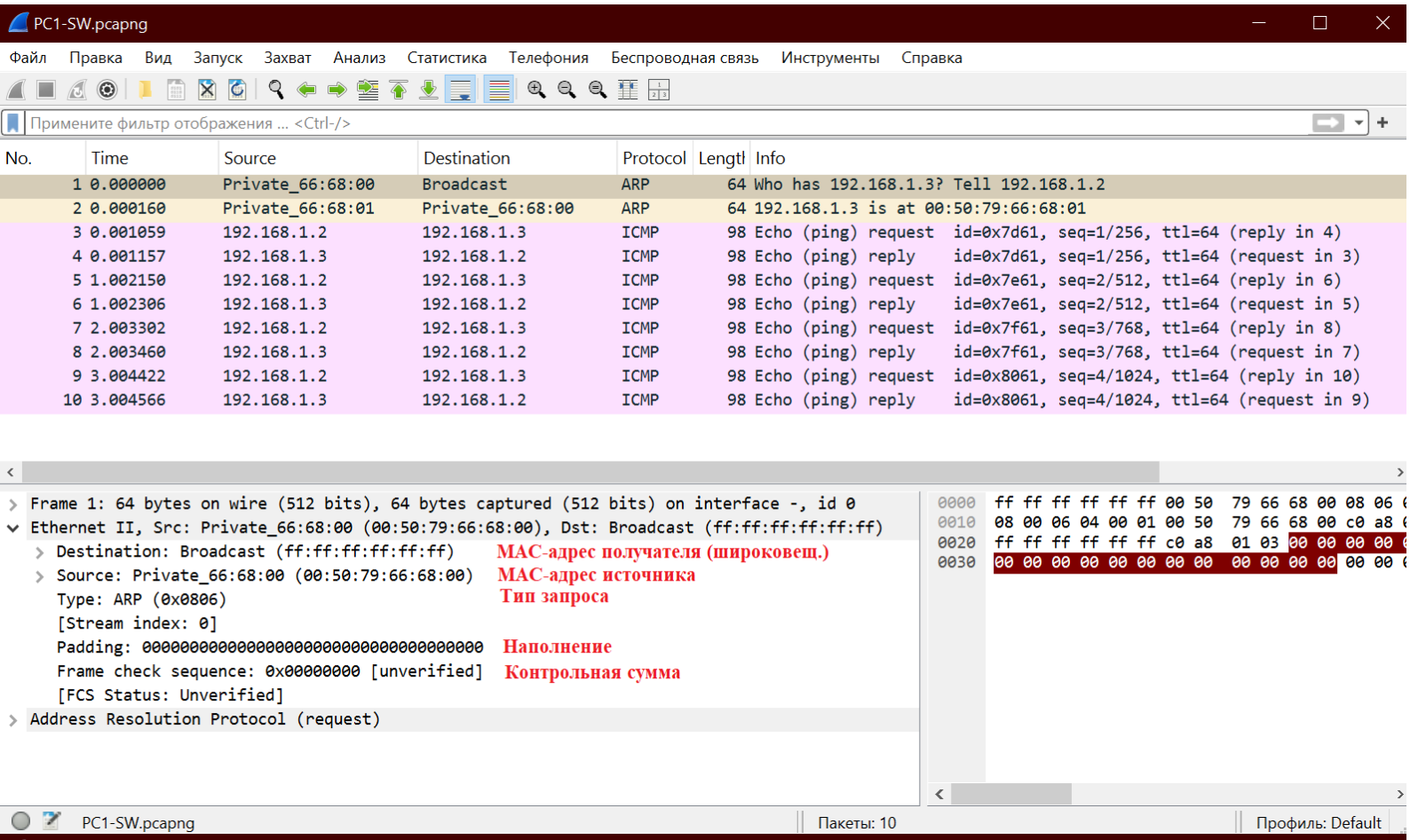
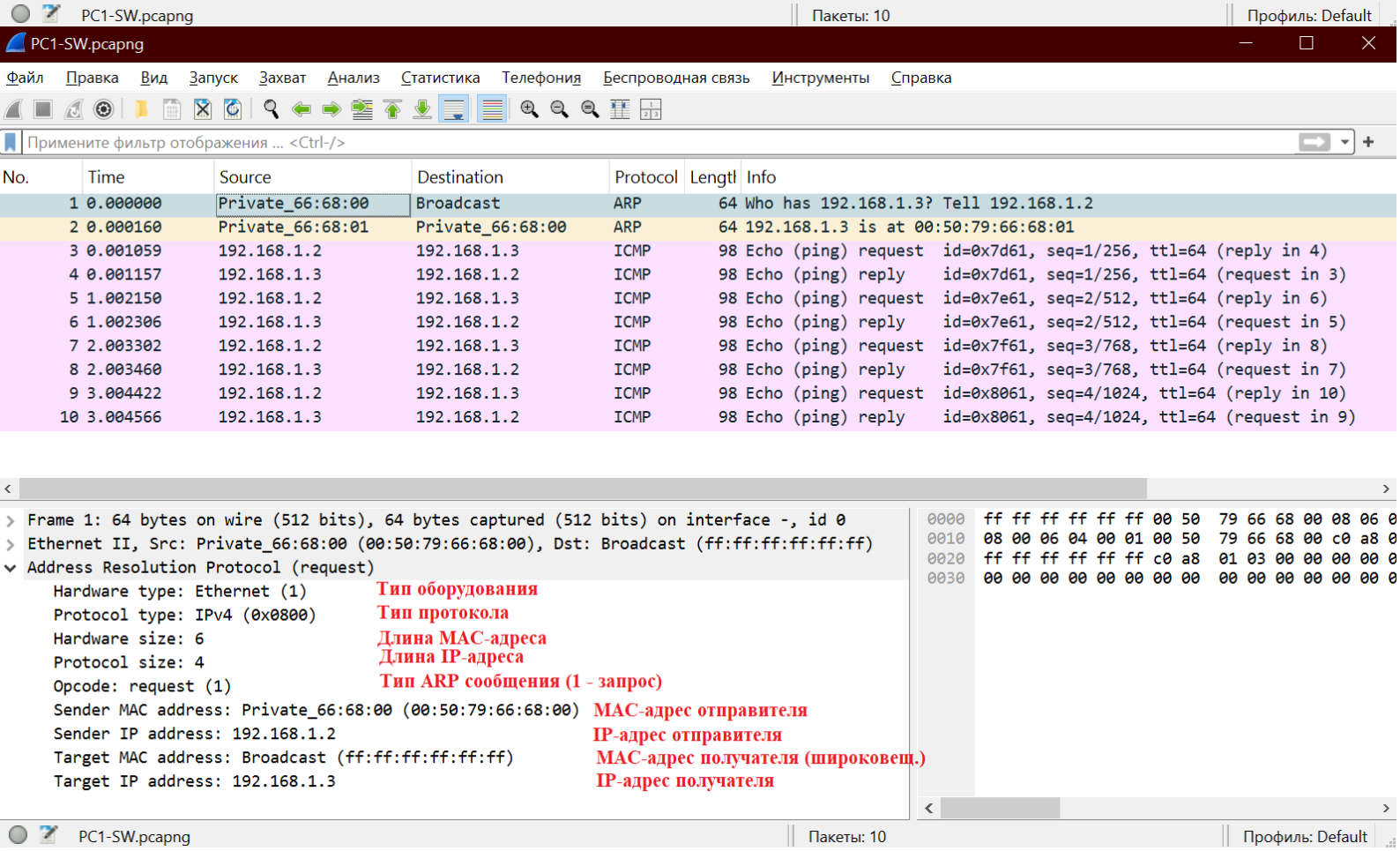
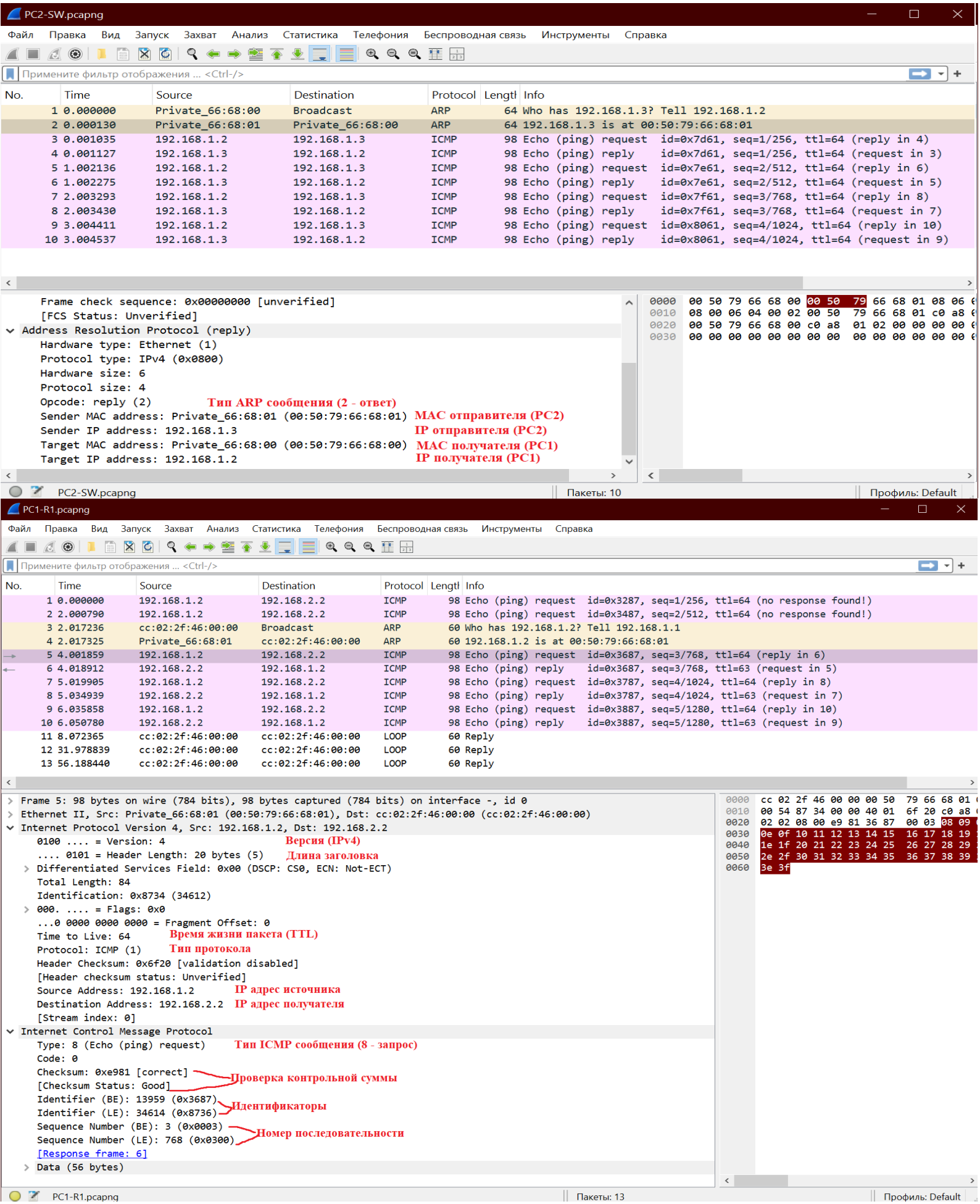
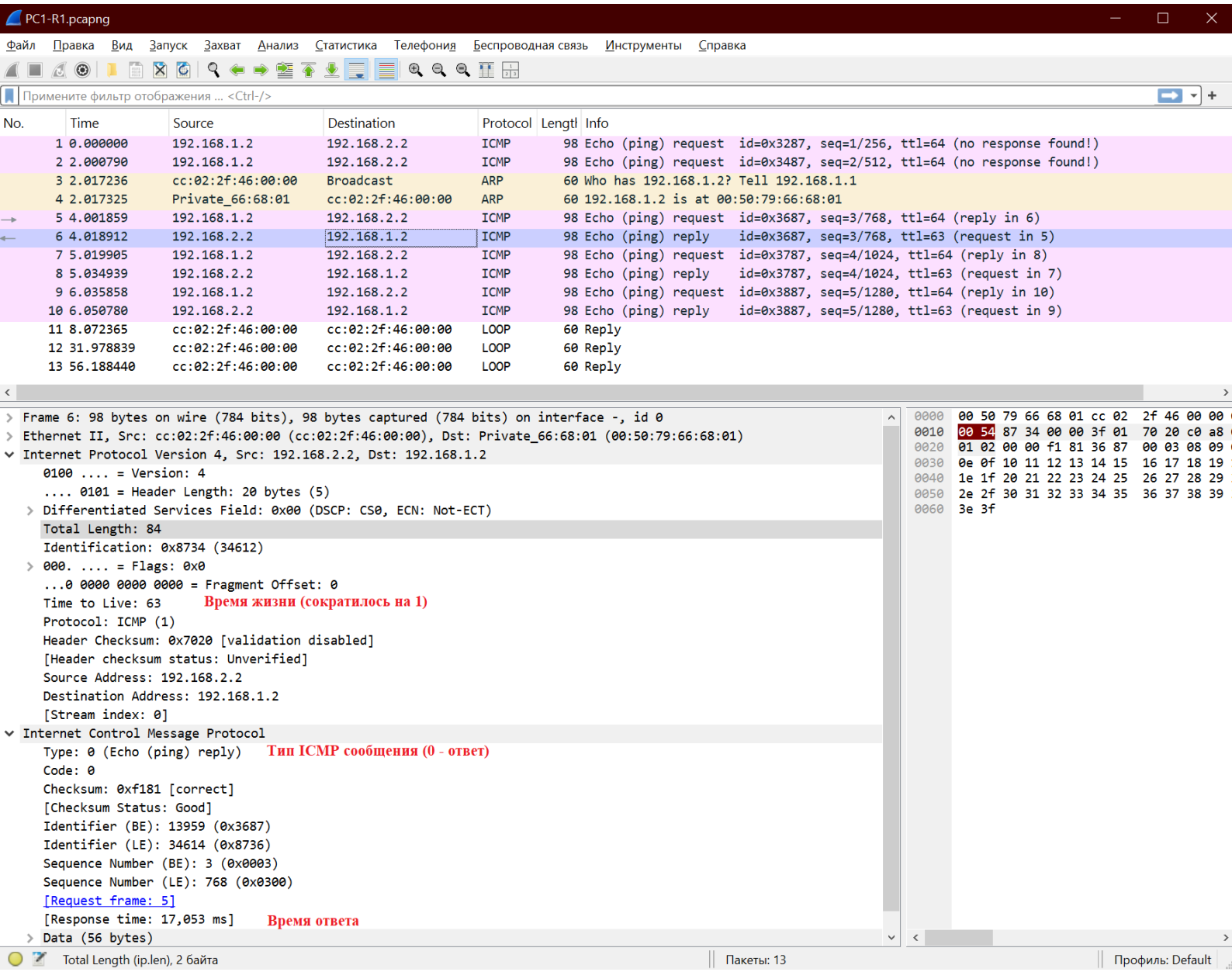

PC1-SW.pcapng
Файл Правка Вид Запуск Захват Анализ Статистика Телефония Беспроводная связь Инструменты Справка
Примените фильтр отображения ... <Ctrl-/>
No. Time Source Destination Protocol Lengtl Info
1 0.000000 Private_66:68:00 Broadcast ARP 64 Who has 192.168.1.3? Tell 192.168.1.2
2 0.000160 Private_66:68:01 Private_66:68:00 ARP 64 192.168.1.3 is at 00:50:79:66:68:01
3 0.001059 192.168.1.2 192.168.1.3 ICMP 98 Echo (ping) request id=0x7d61, seq=1/256, ttl=64 (reply in 4)
4 0.001157 192.168.1.3 192.168.1.2 ICMP 98 Echo (ping) reply id=0x7d61, seq=1/256, ttl=64 (request in 3)
5 1.002150 192.168.1.2 192.168.1.3 ICMP 98 Echo (ping) request id=0x7e61, seq=2/512, ttl=64 (reply in 6)
6 1.002306 192.168.1.3 192.168.1.2 ICMP 98 Echo (ping) reply id=0x7e61, seq=2/512, ttl=64 (request in 5)
7 2.003302 192.168.1.2 192.168.1.3 ICMP 98 Echo (ping) request id=0x7f61, seq=3/768, ttl=64 (reply in 8)
8 2.003460 192.168.1.3 192.168.1.2 ICMP 98 Echo (ping) reply id=0x7f61, seq=3/768, ttl=64 (request in 7)
9 3.004422 192.168.1.2 192.168.1.3 ICMP 98 Echo (ping) request id=0x8061, seq=4/1024, ttl=64 (reply in 10)
10 3.004566 192.168.1.3 192.168.1.2 ICMP 98 Echo (ping) reply id=0x8061, seq=4/1024, ttl=64 (request in 9)
Frame 1: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface -, id 0
Ethernet II, Src: Private_66:68:00 (00:50:79:66:68:00), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Destination: Broadcast (ff:ff:ff:ff:ff:ff)
Source: Private_66:68:00 (00:50:79:66:68:00)
Type: ARP (0x0806)
[Stream index: 0]
Padding: 00000000000000000000000000000000000000
Frame check sequence: 0x00000000 [unverified]
[FCS Status: Unverified]
Address Resolution Protocol (request)
MAC-адрес получателя (широковещ.)
MAC-адрес источника
Тип запроса
Наполнение
Контрольная сумма
0000 ff ff ff ff ff ff 00 50 79 66 68 00 08 06
0010 08 00 06 04 00 01 00 50 79 66 68 00 c0 a8
0020 ff ff ff ff ff ff c0 a8 01 03 00 00 00 00
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00
PC1-SW.pcapng
Пакеты: 10
Профиль: Default


PC1-SW.pcapng
Файл Правка Вид Запуск Захват Анализ Статистика Телефония Беспроводная связь Инструменты Справка
Примените фильтр отображения ... <Ctrl-/>
No. Time Source Destination Protocol Lengtl Info
1 0.000000 Private_66:68:00 Broadcast ARP 64 Who has 192.168.1.3? Tell 192.168.1.2
2 0.000160 Private_66:68:01 Private_66:68:00 ARP 64 192.168.1.3 is at 00:50:79:66:68:01
3 0.001059 192.168.1.2 192.168.1.3 ICMP 98 Echo (ping) request id=0x7d61, seq=1/256, ttl=64 (reply in 4)
4 0.001157 192.168.1.3 192.168.1.2 ICMP 98 Echo (ping) reply id=0x7d61, seq=1/256, ttl=64 (request in 3)
5 1.002150 192.168.1.2 192.168.1.3 ICMP 98 Echo (ping) request id=0x7e61, seq=2/512, ttl=64 (reply in 6)
6 1.002306 192.168.1.3 192.168.1.2 ICMP 98 Echo (ping) reply id=0x7e61, seq=2/512, ttl=64 (request in 5)
7 2.003302 192.168.1.2 192.168.1.3 ICMP 98 Echo (ping) request id=0x7f61, seq=3/768, ttl=64 (reply in 8)
8 2.003460 192.168.1.3 192.168.1.2 ICMP 98 Echo (ping) reply id=0x7f61, seq=3/768, ttl=64 (request in 7)
9 3.004422 192.168.1.2 192.168.1.3 ICMP 98 Echo (ping) request id=0x8061, seq=4/1024, ttl=64 (reply in 10)
10 3.004566 192.168.1.3 192.168.1.2 ICMP 98 Echo (ping) reply id=0x8061, seq=4/1024, ttl=64 (request in 9)
Frame 1: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface -, id 0
Ethernet II, Src: Private_66:68:00 (00:50:79:66:68:00), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Address Resolution Protocol (request)
Hardware type: Ethernet (1)
Protocol type: IPv4 (0x0800)
Hardware size: 6
Protocol size: 4
Opcode: request (1)
Sender MAC address: Private_66:68:00 (00:50:79:66:68:00)
Sender IP address: 192.168.1.2
Target MAC address: Broadcast (ff:ff:ff:ff:ff:ff)
Target IP address: 192.168.1.3
Тип оборудования
Тип протокола
Длина MAC-адреса
Длина IP-адреса
Тип ARP сообщения (1 - запрос)
MAC-адрес отправителя
IP-адрес отправителя
MAC-адрес получателя (широковещ.)
IP-адрес получателя
0000 ff ff ff ff ff ff 00 50 79 66 68 00 08 06
0010 08 00 06 04 00 01 00 50 79 66 68 00 c0 a8
0020 ff ff ff ff ff ff c0 a8 01 03 00 00 00 00
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00
PC1-SW.pcapng
Пакеты: 10
Профиль: Default


PC2-SW.pcapng
Файл Правка Вид Запуск Захват Анализ Статистика Телефония Беспроводная связь Инструменты Справка
Примените фильтр отображения ... <Ctrl-/>
No. Time Source Destination Protocol Lengtl Info
1 0.000000 Private_66:68:00 Broadcast ARP 64 Who has 192.168.1.3? Tell 192.168.1.2
2 0.000130 Private_66:68:01 Private_66:68:00 ARP 64 192.168.1.3 is at 00:50:79:66:68:01
3 0.001035 192.168.1.2 192.168.1.3 ICMP 98 Echo (ping) request id=0x7d61, seq=1/256, ttl=64 (reply in 4)
4 0.001127 192.168.1.3 192.168.1.2 ICMP 98 Echo (ping) reply id=0x7d61, seq=1/256, ttl=64 (request in 3)
5 1.002136 192.168.1.2 192.168.1.3 ICMP 98 Echo (ping) request id=0x7e61, seq=2/512, ttl=64 (reply in 6)
6 1.002275 192.168.1.3 192.168.1.2 ICMP 98 Echo (ping) reply id=0x7e61, seq=2/512, ttl=64 (request in 5)
7 2.003293 192.168.1.2 192.168.1.3 ICMP 98 Echo (ping) request id=0x7f61, seq=3/768, ttl=64 (reply in 8)
8 2.003430 192.168.1.3 192.168.1.2 ICMP 98 Echo (ping) reply id=0x7f61, seq=3/768, ttl=64 (request in 7)
9 3.004411 192.168.1.2 192.168.1.3 ICMP 98 Echo (ping) request id=0x8061, seq=4/1024, ttl=64 (reply in 10)
10 3.004537 192.168.1.3 192.168.1.2 ICMP 98 Echo (ping) reply id=0x8061, seq=4/1024, ttl=64 (request in 9)
Frame check sequence: 0x00000000 [unverified]
[FCS Status: Unverified]
Address Resolution Protocol (reply)
Hardware type: Ethernet (1)
Protocol type: IPv4 (0x0800)
Hardware size: 6
Protocol size: 4
Opcode: reply (2)
Тип ARP сообщения (2 - ответ)
Sender MAC address: Private_66:68:01 (00:50:79:66:68:01)
MAC отправителя (PC2)
Sender IP address: 192.168.1.3
IP отправителя (PC2)
Target MAC address: Private_66:68:00 (00:50:79:66:68:00)
MAC получателя (PC1)
Target IP address: 192.168.1.2
IP получателя (PC1)
0000 00 50 79 66 68 00 00 50 79 66 68 01 08 06
0010 08 00 06 04 00 02 00 50 79 66 68 01 c0 a8
0020 00 50 79 66 68 00 c0 a8 01 02 00 00 00 00
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00
PC2-SW.pcapng
Пакеты: 10
Профиль: Default

PC1-R1.pcapng
Файл Правка Вид Запуск Захват Анализ Статистика Телефония Беспроводная связь Инструменты Справка
Примените фильтр отображения ... <Ctrl-/>
No. Time Source Destination Protocol Lengtl Info
1 0.000000 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) request id=0x3287, seq=1/256, ttl=64 (no response found!)
2 2.000790 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) request id=0x3487, seq=2/512, ttl=64 (no response found!)
3 2.017236 cc:02:2f:46:00:00 Broadcast ARP 60 Who has 192.168.1.2? Tell 192.168.1.1
4 2.017325 Private_66:68:01 cc:02:2f:46:00:00 ARP 60 192.168.1.2 is at 00:50:79:66:68:01
5 4.001859 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) request id=0x3687, seq=3/768, ttl=64 (reply in 6)
6 4.018912 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) reply id=0x3687, seq=3/768, ttl=63 (request in 5)
7 5.019905 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) request id=0x3787, seq=4/1024, ttl=64 (reply in 8)
8 5.034939 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) reply id=0x3787, seq=4/1024, ttl=63 (request in 7)
9 6.035858 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) request id=0x3887, seq=5/1280, ttl=64 (reply in 10)
10 6.050780 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) reply id=0x3887, seq=5/1280, ttl=63 (request in 9)
11 8.072365 cc:02:2f:46:00:00 cc:02:2f:46:00:00 LOOP 60 Reply
12 31.978839 cc:02:2f:46:00:00 cc:02:2f:46:00:00 LOOP 60 Reply
13 56.188440 cc:02:2f:46:00:00 cc:02:2f:46:00:00 LOOP 60 Reply
Frame 5: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface -, id 0
Ethernet II, Src: Private_66:68:01 (00:50:79:66:68:01), Dst: cc:02:2f:46:00:00 (cc:02:2f:46:00:00)
Internet Protocol Version 4, Src: 192.168.1.2, Dst: 192.168.2.2
0100 .... = Version: 4
Версия (IPv4)
.... 0101 = Header Length: 20 bytes (5)
Длина заголовка
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 84
Identification: 0x8734 (34612)
000. .... = Flags: 0x0
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 64
Время жизни пакета (TTL)
Protocol: ICMP (1)
Тип протокола
Header Checksum: 0x6f20 [validation disabled]
[Header checksum status: Unverified]
Source Address: 192.168.1.2
IP адрес источника
Destination Address: 192.168.2.2
IP адрес получателя
[Stream index: 0]
Internet Control Message Protocol
Type: 8 (Echo (ping) request)
Тип ICMP сообщения (8 - запрос)
Code: 0
Checksum: 0xe981 [correct]
[Checksum Status: Good]
Проверка контрольной суммы
Identifier (BE): 13959 (0x3687)
Identifier (LE): 34614 (0x8736)
Идентификаторы
Sequence Number (BE): 3 (0x0003)
Sequence Number (LE): 768 (0x0300)
Номер последовательности
[Response frame: 6]
Data (56 bytes)
0000 cc 02 2f 46 00 00 00 50 79 66 68 01
0010 00 54 87 34 00 00 40 01 6f 20 c0 a8
0020 02 02 08 00 e9 81 36 87 00 03 08 09
0030 0e 0f 10 11 12 13 14 15 16 17 18 19
0040 1e 1f 20 21 22 23 24 25 26 27 28 29
0050 2e 2f 30 31 32 33 34 35 36 37 38 39
0060 3e 3f
PC1-R1.pcapng
Пакеты: 13
Профиль: Default


PC1-R1.pcapng
Файл Правка Вид Запуск Захват Анализ Статистика Телефония Беспроводная связь Инструменты Справка
Примените фильтр отображения ... <Ctrl-/>
No. Time Source Destination Protocol Lengt Info
1 0.000000 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) request id=0x3287, seq=1/256, ttl=64 (no response found!)
2 2.000790 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) request id=0x3487, seq=2/512, ttl=64 (no response found!)
3 2.017236 cc:02:2f:46:00:00 Broadcast ARP 60 Who has 192.168.1.2? Tell 192.168.1.1
4 2.017325 Private_66:68:01 cc:02:2f:46:00:00 ARP 60 192.168.1.2 is at 00:50:79:66:68:01
5 4.001859 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) request id=0x3687, seq=3/768, ttl=64 (reply in 6)
6 4.018912 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) reply id=0x3687, seq=3/768, ttl=63 (request in 5)
7 5.019905 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) request id=0x3787, seq=4/1024, ttl=64 (reply in 8)
8 5.034939 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) reply id=0x3787, seq=4/1024, ttl=63 (request in 7)
9 6.035858 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) request id=0x3887, seq=5/1280, ttl=64 (reply in 10)
10 6.050780 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) reply id=0x3887, seq=5/1280, ttl=63 (request in 9)
11 8.072365 cc:02:2f:46:00:00 cc:02:2f:46:00:00 LOOP 60 Reply
12 31.978839 cc:02:2f:46:00:00 cc:02:2f:46:00:00 LOOP 60 Reply
13 56.188440 cc:02:2f:46:00:00 cc:02:2f:46:00:00 LOOP 60 Reply
Frame 6: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface -, id 0
Ethernet II, Src: cc:02:2f:46:00:00 (cc:02:2f:46:00:00), Dst: Private_66:68:01 (00:50:79:66:68:01)
Internet Protocol Version 4, Src: 192.168.2.2, Dst: 192.168.1.2
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 84
Identification: 0x8734 (34612)
000. .... = Flags: 0x0
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 63
Время жизни (сократилось на 1)
Protocol: ICMP (1)
Header Checksum: 0x7020 [validation disabled]
[Header checksum status: Unverified]
Source Address: 192.168.2.2
Destination Address: 192.168.1.2
[Stream index: 0]
Internet Control Message Protocol
Type: 0 (Echo (ping) reply)
Тип ICMP сообщения (0 - ответ)
Code: 0
Checksum: 0xf181 [correct]
[Checksum Status: Good]
Identifier (BE): 13959 (0x3687)
Identifier (LE): 34614 (0x8736)
Sequence Number (BE): 3 (0x0003)
Sequence Number (LE): 768 (0x0300)
[Request frame: 5]
[Response time: 17,053 ms]
Время ответа
Data (56 bytes)
0000 00 50 79 66 68 01 cc 02 2f 46 00 00
0010 00 54 87 34 00 00 3f 01 70 20 c0 a8
0020 01 02 00 00 f1 81 36 87 00 03 08 09
0030 0e 0f 10 11 12 13 14 15 16 17 18 19
0040 1e 1f 20 21 22 23 24 25 26 27 28 29
0050 2e 2f 30 31 32 33 34 35 36 37 38 39
0060 3e 3f
Total Length (ip.len), 2 байта
Пакеты: 13
Профиль: Default