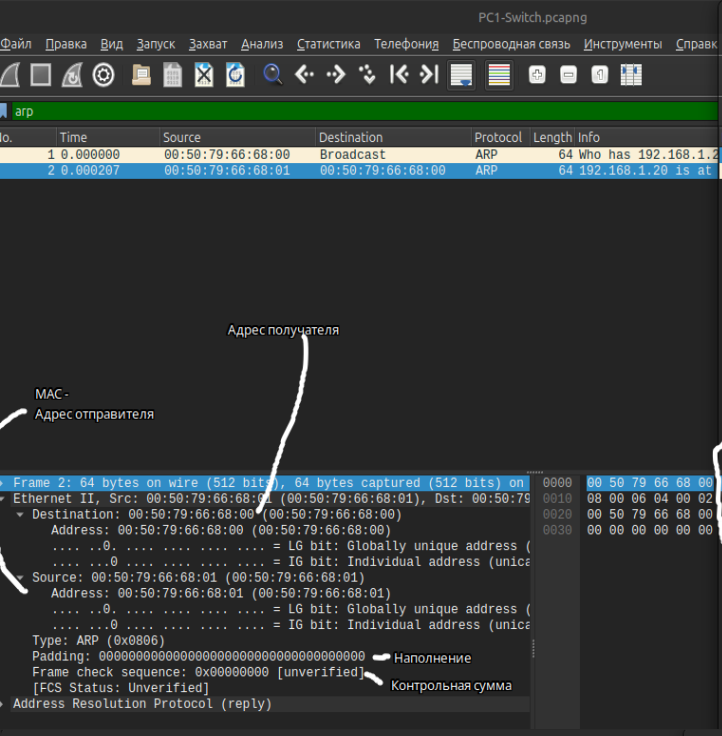
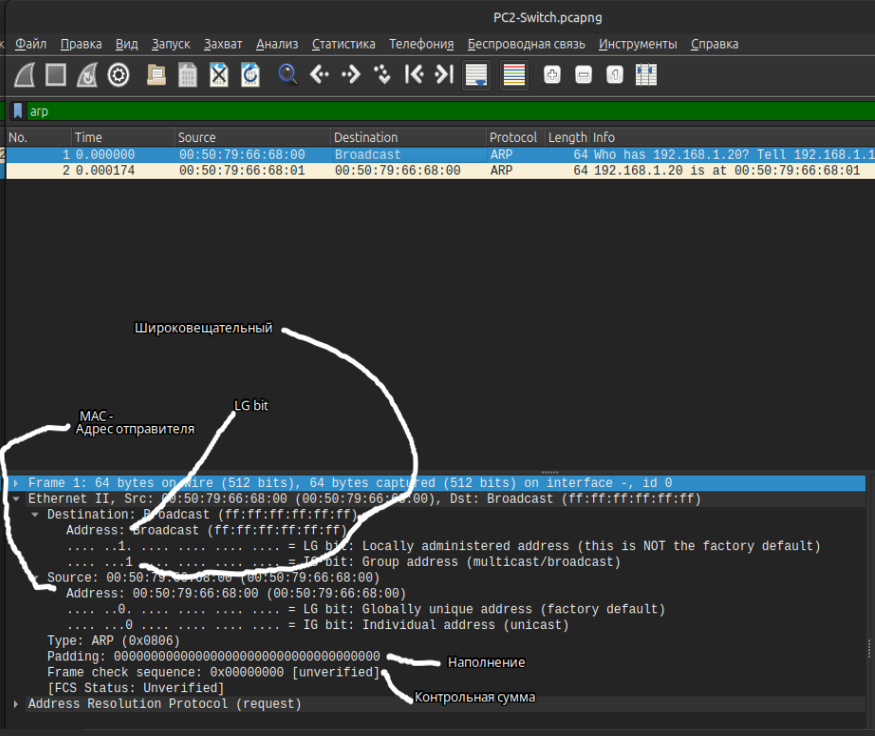
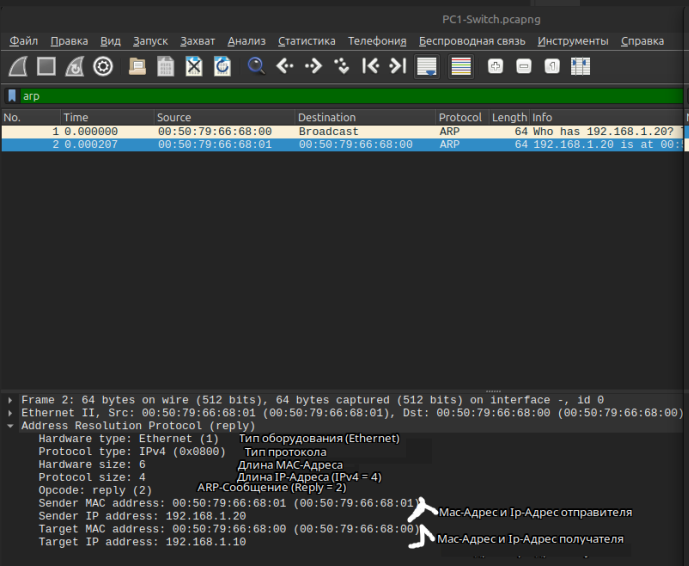
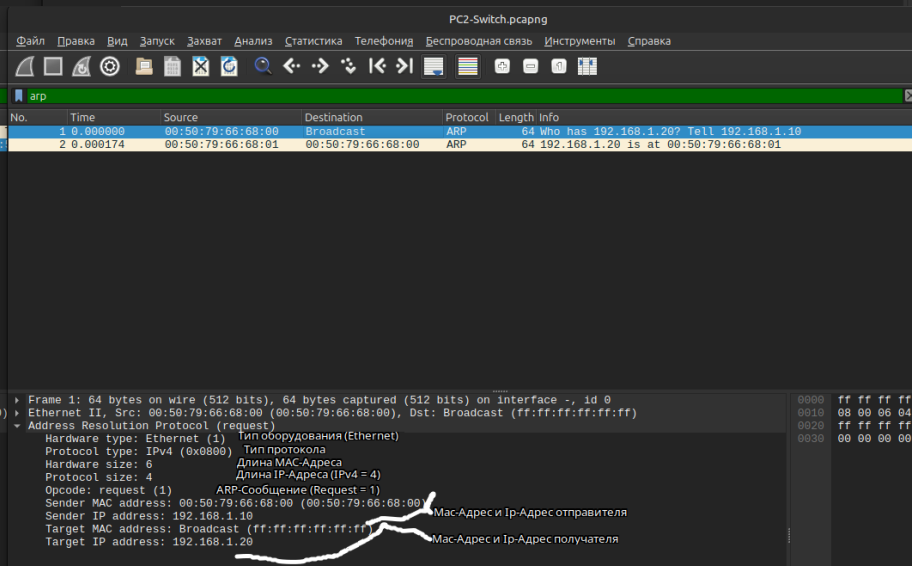
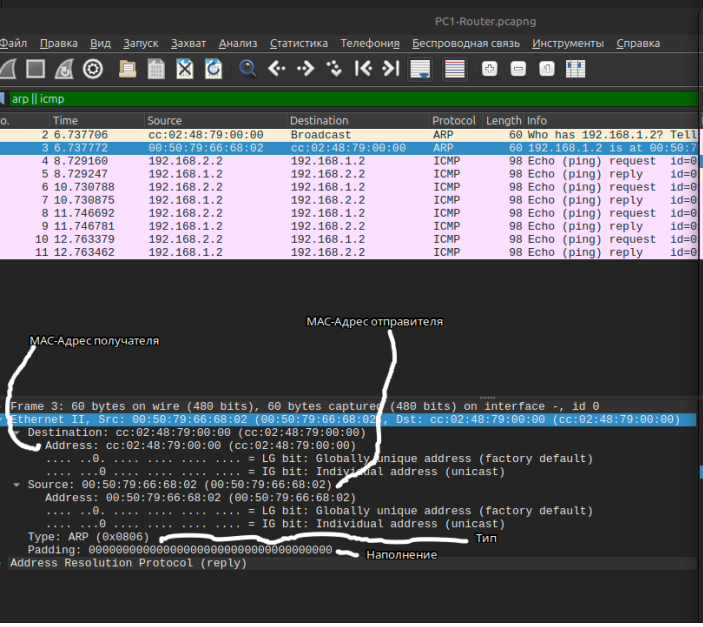
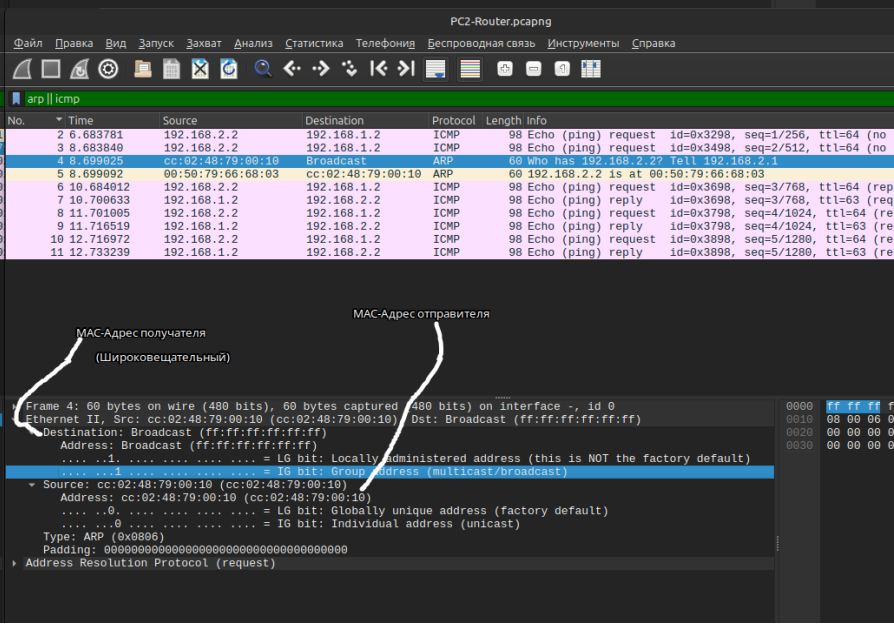

PC1-Switch.pcapng
arp
Адрес получателя
MAC -
Адрес отправителя
Наполнение
Контрольная сумма

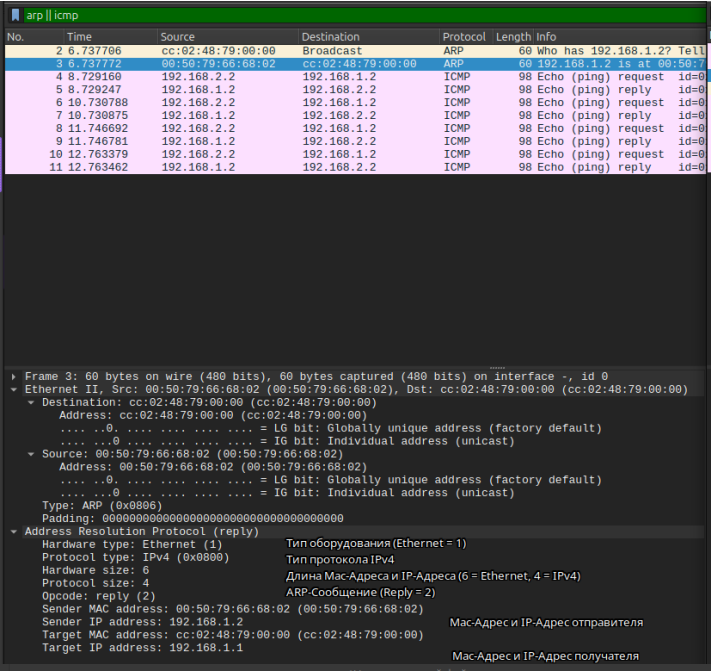

PC2-Switch.pcapng
arp
Широковещательный
LG bit
MAC -
Адрес отправителя
Наполнение
Контрольная сумма

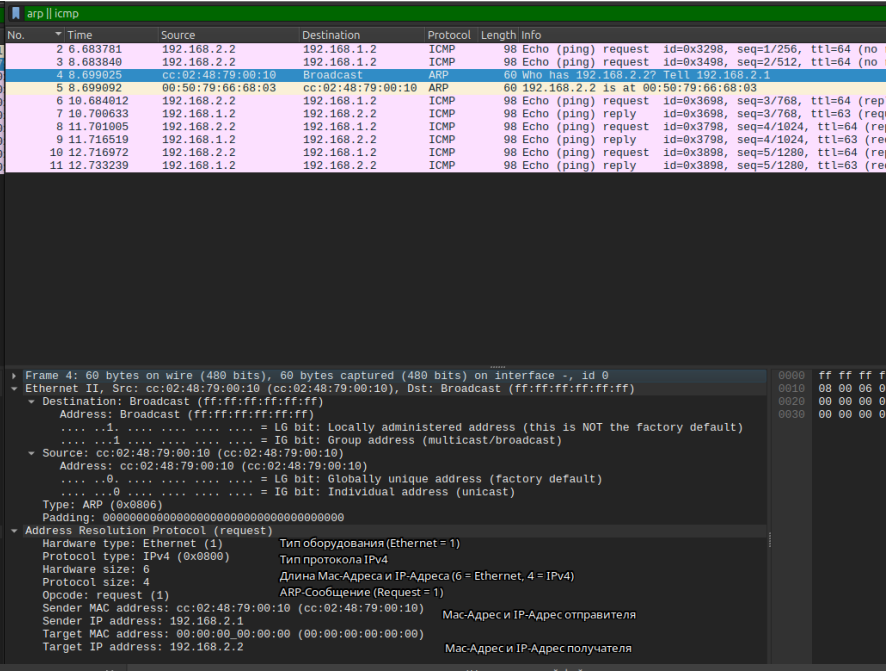

PC1-Switch.pcapng
arp
Тип оборудования (Ethernet)
Тип протокола
Длина MAC-Адреса
Длина IP-Адреса (IPv4 = 4)
ARP-Сообщение (Reply = 2)
Mac-Адрес и Ip-Адрес отправителя
Mac-Адрес и Ip-Адрес получателя


PC2-Switch.pcapng
arp
Тип оборудования (Ethernet)
Тип протокола
Длина MAC-Адреса
Длина IP-Адреса (IPv4 = 4)
ARP-Сообщение (Request = 1)
Mac-Адрес и Ip-Адрес отправителя
Mac-Адрес и Ip-Адрес получателя


PC1-Router.pcapng
arp || icmp
MAC-Адрес получателя
MAC-Адрес отправителя
Тип
Наполнение

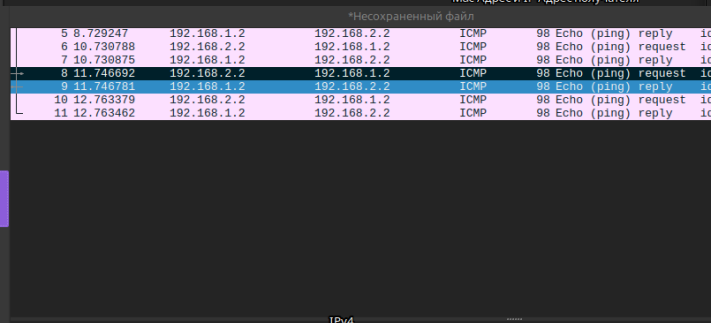

PC2-Router.pcapng
arp || icmp
MAC-Адрес получателя
(Широковещательный)
MAC-Адрес отправителя

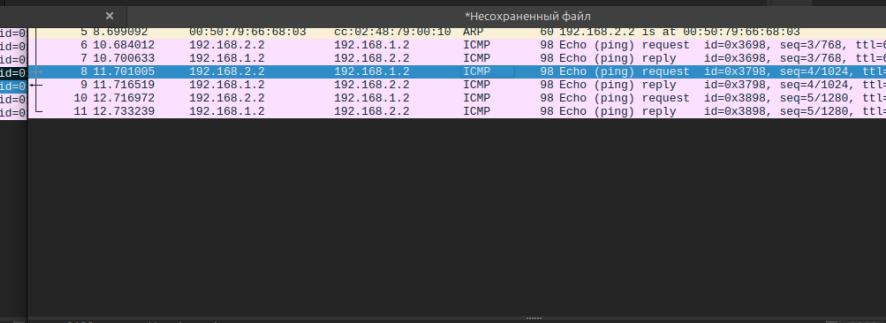

arp || icmp
No. Time Source Destination Protocol Length Info
2 6.737706 cc:02:48:79:00:00 Broadcast ARP 60 Who has 192.168.1.2? Tell
3 6.737772 00:50:79:66:68:02 cc:02:48:79:00:00 ARP 60 192.168.1.2 is at 00:50:7
4 8.729160 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0
5 8.729247 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) reply id=0
6 10.730788 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0
7 10.730875 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) reply id=0
8 11.746692 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0
9 11.746781 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) reply id=0
10 12.763379 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0
11 12.763462 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) reply id=0

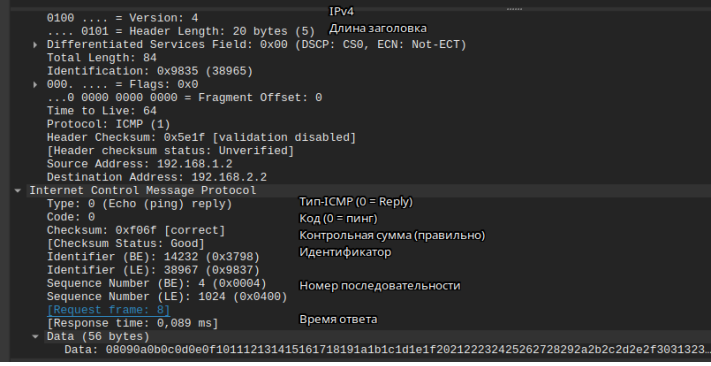

arp || icmp
No. Time Source Destination Protocol Length Info
2 6.683781 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0x3298, seq=1/256, ttl=64 (no
3 8.683840 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0x3498, seq=2/512, ttl=64 (no
4 8.699025 cc:02:48:79:00:10 Broadcast ARP 60 Who has 192.168.2.2? Tell 192.168.2.1
5 8.699092 00:50:79:66:68:03 cc:02:48:79:00:10 ARP 60 192.168.2.2 is at 00:50:79:66:68:03
6 10.684012 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0x3698, seq=3/768, ttl=64 (rep
7 10.700633 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) reply id=0x3698, seq=3/768, ttl=63 (req
8 11.701005 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0x3798, seq=4/1024, ttl=64 (re
9 11.716519 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) reply id=0x3798, seq=4/1024, ttl=63 (re
10 12.716972 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0x3898, seq=5/1280, ttl=64 (re
11 12.733239 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) reply id=0x3898, seq=5/1280, ttl=63 (re

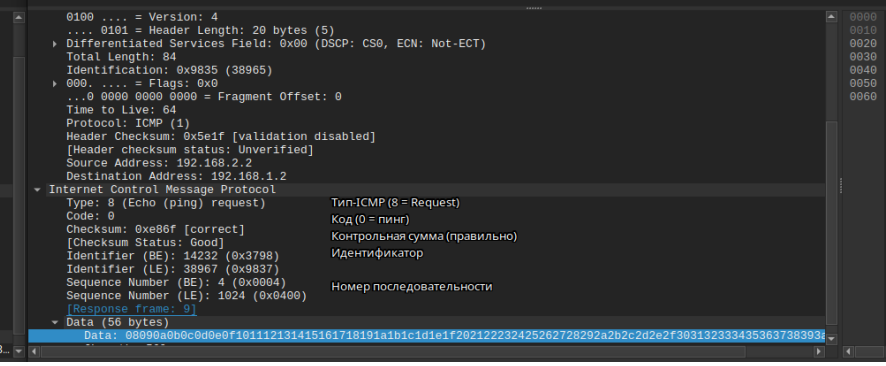
Frame 3: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface -, id 0
Ethernet II, Src: 00:50:79:66:68:02 (00:50:79:66:68:02), Dst: cc:02:48:79:00:00 (cc:02:48:79:00:00)
Destination: cc:02:48:79:00:00 (cc:02:48:79:00:00)
Address: cc:02:48:79:00:00 (cc:02:48:79:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
....0 .... = IG bit: Individual address (unicast)
Source: 00:50:79:66:68:02 (00:50:79:66:68:02)
Address: 00:50:79:66:68:02 (00:50:79:66:68:02)
.... ..0. .... = LG bit: Globally unique address (factory default)
....0 .... = IG bit: Individual address (unicast)
Type: ARP (0x0806)
Padding: 00000000000000000000000000000000000000
Address Resolution Protocol (reply)
Hardware type: Ethernet (1) Тип оборудования (Ethernet = 1)
Protocol type: IPv4 (0x0800) Тип протокола IPv4
Hardware size: 6 Длина Мас-Адреса и IP-Адреса (6 = Ethernet, 4 = IPv4)
Protocol size: 4
Opcode: reply (2) ARP-Сообщение (Reply = 2)
Sender MAC address: 00:50:79:66:68:02 (00:50:79:66:68:02)
Sender IP address: 192.168.1.2 Мас-Адрес и IP-Адрес отправителя
Target MAC address: cc:02:48:79:00:00 (cc:02:48:79:00:00)
Target IP address: 192.168.1.1 Мас-Адрес и IP-Адрес получателя

Frame 4: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface -, id 0
Ethernet II, Src: cc:02:48:79:00:10 (cc:02:48:79:00:10), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Destination: Broadcast (ff:ff:ff:ff:ff:ff)
Address: Broadcast (ff:ff:ff:ff:ff:ff)
.... ..1. .... = LG bit: Locally administered address (this is NOT the factory default)
....1 .... = IG bit: Group address (multicast/broadcast)
Source: cc:02:48:79:00:10 (cc:02:48:79:00:10)
Address: cc:02:48:79:00:10 (cc:02:48:79:00:10)
.... ..0. .... = LG bit: Globally unique address (factory default)
....0 .... = IG bit: Individual address (unicast)
Type: ARP (0x0806)
Padding: 00000000000000000000000000000000000000
Address Resolution Protocol (request)
Hardware type: Ethernet (1) Тип оборудования (Ethernet = 1)
Protocol type: IPv4 (0x0800) Тип протокола IPv4
Hardware size: 6 Длина Мас-Адреса и IP-Адреса (6 = Ethernet, 4 = IPv4)
Protocol size: 4
Opcode: request (1) ARP-Сообщение (Request = 1)
Sender MAC address: cc:02:48:79:00:10 (cc:02:48:79:00:10) Мас-Адрес и IP-Адрес отправителя
Sender IP address: 192.168.2.1
Target MAC address: 00:00:00_00:00:00 (00:00:00:00:00:00)
Target IP address: 192.168.2.2 Мас-Адрес и IP-Адрес получателя


*Несохраненный файл
5 8.729247 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) reply id=0
6 10.730788 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0
7 10.730875 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) reply id=0
8 11.746692 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0
9 11.746781 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) reply id=0
10 12.763379 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0
11 12.763462 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) reply id=0


*Несохраненный файл
5 8.699092 00:50:79:66:68:03 cc:02:48:79:00:10 ARP 60 192.168.2.2 is at 00:50:79:66:68:03
6 10.684012 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0x3698, seq=3/768, ttl=6
7 10.700633 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) reply id=0x3698, seq=3/768, ttl=6
8 11.701005 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0x3798, seq=4/1024, ttl
9 11.716519 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) reply id=0x3798, seq=4/1024, ttl=
10 12.716972 192.168.2.2 192.168.1.2 ICMP 98 Echo (ping) request id=0x3898, seq=5/1280, ttl=
11 12.733239 192.168.1.2 192.168.2.2 ICMP 98 Echo (ping) reply id=0x3898, seq=5/1280, ttl=


0100 .... = Version: 4 IPv4
.... 0101 = Header Length: 20 bytes (5) Длина заголовка
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 84
Identification: 0x9835 (38965)
000. .... = Flags: 0x0
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 64
Protocol: ICMP (1)
Header Checksum: 0x5e1f [validation disabled]
[Header checksum status: Unverified]
Source Address: 192.168.1.2
Destination Address: 192.168.2.2
Internet Control Message Protocol
Type: 0 (Echo (ping) reply) Тип-ICMP (0 = Reply)
Code: 0 Код (0 = пинг)
Checksum: 0xf06f [correct] Контрольная сумма (правильно)
[Checksum Status: Good]
Identifier (BE): 14232 (0x3798) Идентификатор
Identifier (LE): 38967 (0x9837)
Sequence Number (BE): 4 (0x0004) Номер последовательности
Sequence Number (LE): 1024 (0x0400)
[Request frame: 8]
[Response time: 0,089 ms] Время ответа
Data (56 bytes)
Data: 08090a0b0c0d0e0f101112131415161718191a1b1c1d1e1f20212223242526272829...


0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 84
Identification: 0x9835 (38965)
000. .... = Flags: 0x0
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 64
Protocol: ICMP (1)
Header Checksum: 0x5e1f [validation disabled]
[Header checksum status: Unverified]
Source Address: 192.168.2.2
Destination Address: 192.168.1.2
Internet Control Message Protocol
Type: 8 (Echo (ping) request) Тип-ICMP (8 = Request)
Code: 0 Код (0 = пинг)
Checksum: 0xe86f [correct] Контрольная сумма (правильно)
[Checksum Status: Good]
Identifier (BE): 14232 (0x3798) Идентификатор
Identifier (LE): 38967 (0x9837)
Sequence Number (BE): 4 (0x0004) Номер последовательности
Sequence Number (LE): 1024 (0x0400)
[Response frame: 9]
Data (56 bytes)
Data: 08090a0b0c0d0e0f101112131415161718191a1b1c1d1e1f20212223242526272829...