

# Компьютерные сети. Лаба 10

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## Сети. Лаба 10.

1. IP адрес моего компьютера: 192.168.0.1
  2. Protocol: ICMP (1)
  3. Заголовок - 20 байт, полезная нагрузка - 36 байт
  4. а) Identification, TTL, Checksum.  
б) Все остальные.  
в) Увеличивается на 1 для следующего.
  5. Identification: 0x034b (843)  
Time to Live: 11
  6. Не остаются неизменными.
  7. Identification: 0xfdad (64941)  
Time to Live: 1
  8. а) Разбилось на 3 фрагмента.  
б) Flags, Checksum, Total Length, Fragment Offset
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Захват из Беспроводная сеть

Файл Редактирование Просмотр Запуск Захват Анализ Статистика Телефония Беспроводной Инструменты Помощь

icmp

No.	Time	Source	Destination	Protocol	Length	Info
28	2.819136	192.168.0.101	23.43.132.56	ICMP	70	Echo (ping) request id=0x0001, seq=365/27905, ttl=255 (reply in 32)
30	2.868803	192.168.0.101	23.43.132.56	ICMP	70	Echo (ping) request id=0x0001, seq=366/28161, ttl=1 (no response found!)
31	2.870050	192.168.0.1	192.168.0.101	ICMP	98	Time-to-live exceeded (Time to live exceeded in transit)
32	2.884335	23.43.132.56	192.168.0.101	ICMP	70	Echo (ping) reply id=0x0001, seq=365/27905, ttl=53 (request in 28)
34	2.915155	192.168.0.101	23.43.132.56	ICMP	70	Echo (ping) request id=0x0001, seq=367/28417, ttl=2 (no response found!)
35	2.961841	192.168.0.101	23.43.132.56	ICMP	70	Echo (ping) request id=0x0001, seq=368/28673, ttl=3 (no response found!)
36	3.008735	192.168.0.101	23.43.132.56	ICMP	70	Echo (ping) request id=0x0001, seq=369/28929, ttl=4 (no response found!)
37	3.012641	176.215.155.125	192.168.0.101	ICMP	98	Time-to-live exceeded (Time to live exceeded in transit)
38	3.012719	189.195.136.39	192.168.0.101	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
39	3.055710	192.168.0.101	23.43.132.56	ICMP	70	Echo (ping) request id=0x0001, seq=370/29185, ttl=5 (no response found!)
40	3.102842	192.168.0.101	23.43.132.56	ICMP	70	Echo (ping) request id=0x0001, seq=371/29441, ttl=6 (no response found!)
41	3.108830	87.245.244.16	192.168.0.101	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
42	3.149717	87.245.244.17	192.168.0.101	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
43	3.150464	192.168.0.101	23.43.132.56	ICMP	70	Echo (ping) request id=0x0001, seq=372/29697, ttl=7 (no response found!)
44	3.198420	192.168.0.101	23.43.132.56	ICMP	70	Echo (ping) request id=0x0001, seq=373/29953, ttl=8 (no response found!)
45	3.209552	87.245.233.73	192.168.0.101	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
46	3.245644	192.168.0.101	23.43.132.56	ICMP	70	Echo (ping) request id=0x0001, seq=374/30209, ttl=9 (no response found!)
47	3.292210	192.168.0.101	23.43.132.56	ICMP	70	Echo (ping) request id=0x0001, seq=375/30465, ttl=10 (no response found!)
48	3.339087	192.168.0.101	23.43.132.56	ICMP	70	Echo (ping) request id=0x0001, seq=376/30721, ttl=11 (reply in 49)
49	3.428942	23.43.132.56	192.168.0.101	ICMP	70	Echo (ping) reply id=0x0001, seq=376/30721, ttl=53 (request in 48)
56	5.331386	192.168.0.101	23.43.132.56	ICMP	70	Echo (ping) request id=0x0001, seq=377/30977, ttl=255 (reply in 60)
57	5.393243	192.168.0.101	23.43.132.56	ICMP	70	Echo (ping) request id=0x0001, seq=378/31233, ttl=1 (no response found!)

> Frame 28: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface \Device\NPF\_{C771C886-D182-495C-BF73-67B8321F60BB}, id 0

> Ethernet II, Src: Chongqin\_0d:0d:83 (4c:d5:77:0d:0d:83), Dst: Tp-LinkT\_89:97:cf (e4:c3:2a:89:97:cf)

> Internet Protocol Version 4, Src: 192.168.0.101, Dst: 23.43.132.56

```

0000 e4 c3 2a 89 97 cf 4c d5 77 0d 0d 83 08 00 45 00  ..*...L. w....E.
0010 00 38 fb 84 00 00 ff 01 63 cf c0 a8 00 65 17 2b  -8.....c....e+
0020 84 38 08 00 34 d0 00 01 01 6d 20 20 20 20 20 20  -8..4... ..m
0030 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20
0040 20 20 20 20 20 20

```

Беспроводная сеть: <live capture in progress>

Пакеты: 16788 - Показаны: 2010 (12.0%)

Профиль: Default

15°C  
Дым

ENG 16:33 29.04.2022