

Ethernet

No.	Time	Source	Destination	Protocol	Length	Info
39	2022-05-28 11:34:50,918238	192.168.0.102	128.119.245.12	HTTP	562	GET /wireshark-labs/HTTP-ethereal-lab-file3.html HTTP/1.1
48	2022-05-28 11:34:51,054703	128.119.245.12	192.168.0.102	HTTP	535	HTTP/1.1 200 OK (text/html)
52	2022-05-28 11:34:51,151451	192.168.0.102	128.119.245.12	HTTP	508	GET /favicon.ico HTTP/1.1
59	2022-05-28 11:34:51,280896	128.119.245.12	192.168.0.102	HTTP	538	HTTP/1.1 404 Not Found (text/html)

>	Frame 39: 562 bytes on wire (4496 bits), 562 bytes captured (4496 bits) on interface \Device\NPF_{AFA1B8C0-2747-4BC5-815A-D8DE55689840}, id 0
>	Ethernet II, Src: IntelCor_86:5b:64 (64:5d:86:86:5b:64), Dst: TP-Link_4a:ce:99 (c0:06:c3:4a:ce:99)
>	Internet Protocol Version 4, Src: 192.168.0.102, Dst: 128.119.245.12
>	Transmission Control Protocol, Src Port: 56390, Dst Port: 80, Seq: 1, Ack: 1, Len: 508
>	Hypertext Transfer Protocol
>	GET /wireshark-labs/HTTP-ethereal-lab-file3.html HTTP/1.1\r\n
>	Host: gaia.cs.umass.edu\r\n
>	Connection: keep-alive\r\n
>	Upgrade-Insecure-Requests: 1\r\n
>	User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/98.0.4758.141 YaBrowser/22.3.4.731 Yowser/2.5 Safari/537.36\r\n
>	Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9\r\n
>	Accept-Encoding: gzip, deflate\r\n
>	Accept-Language: ru,en;q=0.9\r\n
>	\r\n
>	[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-ethereal-lab-file3.html]
>	[HTTP request 1/2]
>	[Response in frame: 48]

0000	c0 06 c3 4a ce 99 64 5d 86 86 5b 64 08 00 45 00	...J..d] ..[d: E-
0010	02 24 9e 58 40 00 00 06 23 e9 c0 a8 00 66 80 77	-\$X@...#...-fw
0020	45 02 45 02 45 02 45 02 45 02 45 02 45 02 45 02	...E..0...0...0...0...

- 64:5d:86:86:5b:64
- IntelCor_86:5b:64 — адрес моего компьютера

39	2022-05-28 11:34:50,918238	IntelCor_86:5b:64	TP-Link_4a:ce:99	0x0800	562	IPv4
40	2022-05-28 11:34:51,012239	TP-Link_4a:ce:99	IntelCor_86:5b:64	0x0800	107	IPv4
41	2022-05-28 11:34:51,012239	TP-Link_4a:ce:99	IntelCor_86:5b:64	0x0800	54	IPv4
42	2022-05-28 11:34:51,012295	IntelCor_86:5b:64	TP-Link_4a:ce:99	0x0800	54	IPv4
43	2022-05-28 11:34:51,050017	TP-Link_4a:ce:99	IntelCor_86:5b:64	0x0800	54	IPv4
44	2022-05-28 11:34:51,051920	TP-Link_4a:ce:99	IntelCor_86:5b:64	0x0800	1514	IPv4

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>	Ethernet II, Src: IntelCor_86:5b:64 (64:5d:86:86:5b:64), Dst: TP-Link_4a:ce:99 (c0:06:c3:4a:ce:99)
>	Destination: TP-Link_4a:ce:99 (c0:06:c3:4a:ce:99)
>	Source: IntelCor_86:5b:64 (64:5d:86:86:5b:64)
>	Address: IntelCor_86:5b:64 (64:5d:86:86:5b:64)
>0. = LG bit: Globally unique address (factory default)
>0. = IG bit: Individual address (unicast)
>	Type: IPv4 (0x0800)

- c0:06:c3:4a:ce:99, TP-Link_4a:ce:99 — адрес моего роутера
- 64:5d:86:86:5b:64, Да, это адрес моего компьютера

47	2022-05-28 11:34:51,054201	TP-Link_4a:ce:99	IntelCor_86:5b:64	0x0800	1514	IPv4
48	2022-05-28 11:34:51,054703	TP-Link_4a:ce:99	IntelCor_86:5b:64	0x0800	535	IPv4
49	2022-05-28 11:34:51,054745	IntelCor_86:5b:64	TP-Link_4a:ce:99	0x0800	54	IPv4
50	2022-05-28 11:34:51,058750	TP-Link_4a:ce:99	IntelCor_86:5b:64	0x0800	503	IPv4

>	Frame 48: 535 bytes on wire (4280 bits), 535 bytes captured (4280 bits) on interface \Device\NPF_{AFA1B8C0-2747-4BC5-815A-D8DE55689840}, id 0
>	Ethernet II, Src: TP-Link_4a:ce:99 (c0:06:c3:4a:ce:99), Dst: IntelCor_86:5b:64 (64:5d:86:86:5b:64)
>	Destination: IntelCor_86:5b:64 (64:5d:86:86:5b:64)
>	Source: TP-Link_4a:ce:99 (c0:06:c3:4a:ce:99)
>	Address: TP-Link_4a:ce:99 (c0:06:c3:4a:ce:99)
>0. = LG bit: Globally unique address (factory default)
>0. = IG bit: Individual address (unicast)
>	Type: IPv4 (0x0800)
>	Data (521 bytes)

ARP

- Source: IntelCor_86:5b:64 (64:5d:86:86:5b:64)
Destination: Broadcast (ff:ff:ff:ff:ff:ff)

No.	Time	Source	Destination	Protocol	Length	Info
2	2022-05-28 11:54:24,852656	IntelCor_86:5b:64	Broadcast	ARP	42	Who has 192.168.0.1? Tell 192.168.0.102
3	2022-05-28 11:54:24,855030	TP-Link_4a:ce:99	IntelCor_86:5b:64	ARP	42	192.168.0.1 is at c0:06:c3:4a:ce:99

> Frame 2: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on interface \Device\NPF_{AFA1B8C0-2747-4BC5-815A-D8DE55689840}, id 0
> Ethernet II, Src: IntelCor_86:5b:64 (64:5d:86:86:5b:64), 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: IntelCor_86:5b:64 (64:5d:86:86:5b:64)
Address: IntelCor_86:5b:64 (64:5d:86:86:5b:64)
....0. = LG bit: Globally unique address (factory default)
....0. = IG bit: Individual address (unicast)
Type: ARP (0x0806)
> Address Resolution Protocol (request)

0000	ff ff ff ff ff ff	64 5d 86 86 5b 64 08 06 00 01d	..[d....
0010	08 00 06 04 00 01	64 5d 86 86 5b 64 c0 0a 08 66d	..[d...f
0020	00 00 00 00 00 c0	a8 00 01	

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3	2022-05-28 11:54:24,855030	TP-Link_4a:ce:99	IntelCor_86:5b:64	ARP	42	192.168.0.1 is at c0:06:c3:4a:ce:99

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> Ethernet II, Src: IntelCor_86:5b:64 (64:5d:86:86:5b:64), 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: IntelCor_86:5b:64 (64:5d:86:86:5b:64)
Sender IP address: 192.168.0.102

- Target MAC address: 00:00:00_00:00:00 (00:00:00:00:00:00)

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3	2022-05-28 11:54:24,855030	TP-Link_4a:ce:99	IntelCor_86:5b:64	ARP	42	192.168.0.1 is at c0:06:c3:4a:ce:99

> Frame 2: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on interface \Device\NPF_{AFA1B8C0-2747-4BC5-815A-D8DE55689840}, id 0
> Ethernet II, Src: IntelCor_86:5b:64 (64:5d:86:86:5b:64), 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: IntelCor_86:5b:64 (64:5d:86:86:5b:64)
Sender IP address: 192.168.0.102
Target MAC address: 00:00:00_00:00:00 (00:00:00:00:00:00)
Target IP address: 192.168.0.1

- Sender MAC address: TP-Link_4a:ce:99 (c0:06:c3:4a:ce:99)

No.	Time	Source	Destination	Protocol	Length	Info
2	2022-05-28 11:54:24,852656	IntelCor_86:5b:64	Broadcast	ARP	42	Who has 192.168.0.1? Tell 192.168.0.102
3	2022-05-28 11:54:24,855030	TP-Link_4a:ce:99	IntelCor_86:5b:64	ARP	42	192.168.0.1 is at c0:06:c3:4a:ce:99

> Frame 3: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on interface \Device\NPF_{AFA1B8C0-2747-4BC5-815A-D8DE55689840}, id 0
> Ethernet II, Src: TP-Link_4a:ce:99 (c0:06:c3:4a:ce:99), Dst: IntelCor_86:5b:64 (64:5d:86:86:5b:64)
Address Resolution Protocol (reply)
Hardware type: Ethernet (1)
Protocol type: IPv4 (0x0800)
Hardware size: 6
Protocol size: 4
Opcode: reply (2)
Sender MAC address: TP-Link_4a:ce:99 (c0:06:c3:4a:ce:99)
Sender IP address: 192.168.0.1