

Wireshark Ethernet capture window showing packet list and details. The packet list table includes columns for No., Time, Source, Destination, Protocol, Length, and Info. The details pane shows Ethernet II, Src: Fortinet_98:61:0e, Dst: Broadcast (ff:ff:ff:ff:ff:ff), and Address Resolution Protocol (request). The packet bytes pane displays the raw data in hexadecimal and ASCII.

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	Fortinet_98:61:0e	Broadcast	ARP	60	Who has 172.16.1.118? Tell 172.16.0.1
2	0.000470	172.16.2.18	239.255.255.250	SSDP	215	M-SEARCH * HTTP/1.1
3	0.038124	fe80::c1c0:b70f:a13...	ff02::fb	MDNS	1500	Standard query 0x0000 PTR _ftp._tcp.local, "QM" question PTR _nfs._tcp.local, "QM" question PTR _afpovertc...
4	0.038124	fe80::c1c0:b70f:a13...	ff02::fb	MDNS	293	Standard query 0x0000 PTR 410-9._smb._tcp.local PTR 410-18._smb._tcp.local PTR 410-8._smb._tcp.local PTR 4...
5	0.038353	fe80::883a:a4d1:cd1...	ff02::fb	MDNS	74	Standard query response 0x0000
6	0.038353	172.16.1.79	224.0.0.251	MDNS	1482	Standard query 0x0000 PTR _ftp._tcp.local, "QM" question PTR _nfs._tcp.local, "QM" question PTR _afpovertc...
7	0.038353	172.16.1.79	224.0.0.251	MDNS	271	Standard query 0x0000 PTR 410-9._smb._tcp.local PTR 412._smb._tcp.local PTR 410-18._smb._tcp.local PTR 502...
8	0.039046	172.16.1.200	224.0.0.251	MDNS	60	Standard query response 0x0000
9	0.039163	fe80::ad16:1652:5ba...	ff02::fb	MDNS	74	Standard query response 0x0000
10	0.040686	172.16.0.91	224.0.0.251	MDNS	60	Standard query response 0x0000
11	0.091494	172.16.0.216	239.255.255.250	SSDP	179	M-SEARCH * HTTP/1.1
12	0.140298	MicroStarInt_69:b4:...	Broadcast	ARP	60	Who has 172.16.1.86? Tell 172.16.0.115
13	0.163243	172.16.1.53	239.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
14	0.184027	172.16.2.147	255.255.255.255	UDP	82	53037 → 1947 Len=40
15	0.186697	Fortinet_98:61:0e	Broadcast	ARP	60	Who has 172.16.1.93? Tell 172.16.0.1
16	0.211634	172.16.0.177	239.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1

> Frame 1: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface \Device\NPF_{...}

> Ethernet II, Src: Fortinet_98:61:0e (04:d5:90:98:61:0e), Dst: Broadcast (ff:ff:ff:ff:ff:ff)

> Address Resolution Protocol (request)

0000 ff ff ff ff ff ff 04 d5 90 98 61 0e 08 06 00 01a.....
0010 08 00 06 04 00 01 04 d5 90 98 61 0e ac 10 00 01a.....
0020 00 00 00 00 00 00 ac 10 01 76 00 00 00 00 00v.....
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Wireshark Ethernet capture window showing packet list and details. The packet list table includes columns for No., Time, Source, Destination, Protocol, Length, and Info. The details pane shows Ethernet II, Src: Fortinet_98:61:0e (04:d5:90:98:61:0e), Dst: Broadcast (ff:ff:ff:ff:ff:ff), and Address Resolution Protocol (request). The packet bytes pane displays the raw data in hexadecimal and ASCII.

No.	Time	Source	Destination	Protocol	Length	Info
571	5.641603	172.16.2.19	239.255.255.250	SSDP	209	M-SEARCH * HTTP/1.1
572	5.645435	172.16.0.177	255.255.255.255	GVCP	60	> DISCOVERY_CMD
573	5.728089	fe80::68f2:eb7c:4bd...	ff02::fb	MDNS	105	Standard query 0x0000 PTR _microsoft_mcc._tcp.local, "QM" question
574	5.728213	172.16.1.114	224.0.0.251	MDNS	85	Standard query 0x0000 PTR _microsoft_mcc._tcp.local, "QM" question
575	5.728213	172.16.1.200	224.0.0.251	MDNS	60	Standard query response 0x0000
576	5.728801	172.16.0.91	224.0.0.251	MDNS	60	Standard query response 0x0000
577	5.729008	fe80::883a:a4d1:cd1...	ff02::fb	MDNS	74	Standard query response 0x0000
578	5.730257	fe80::ad16:1652:5ba...	ff02::fb	MDNS	74	Standard query response 0x0000
579	5.738679	fe80::3c4b:de2:b1af...	ff02::1:2	DHCPv6	152	Solicit XID: 0x6c81fc CID: 0001000125243cc44437e64a9a94
580	5.760321	Fortinet_98:61:0e	Broadcast	ARP	60	Who has 172.16.0.210? Tell 172.16.0.1
581	5.775548	172.16.0.202	224.0.0.251	MDNS	1477	Standard query 0x0000 PTR _nfs._tcp.local, "QM" question PTR _ipp._tcp.local, "QM" question PTR _ipps._tcp...
582	5.775736	172.16.0.202	224.0.0.251	MDNS	631	Standard query 0x0000 PTR 401-23._smb._tcp.local PTR 414-16._smb._tcp.local PTR 412-13._smb._tcp.local PTR...
583	5.775847	172.16.1.200	224.0.0.251	MDNS	60	Standard query response 0x0000
584	5.776624	172.16.0.91	224.0.0.251	MDNS	60	Standard query response 0x0000
585	5.801847	fe80::3f8c:6719:808...	ff02::2	ICMPv6	62	Router Solicitation
586	5.803592	fe80::d89d:b5c0:d2e...	ff02::1:2	DHCPv6	145	Solicit XID: 0x58076f CID: 000100011b99c949448a5bdea47e

> Frame 1: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface \Device\NPF_{...}

> Ethernet II, Src: Fortinet_98:61:0e (04:d5:90:98:61:0e), Dst: Broadcast (ff:ff:ff:ff:ff:ff)

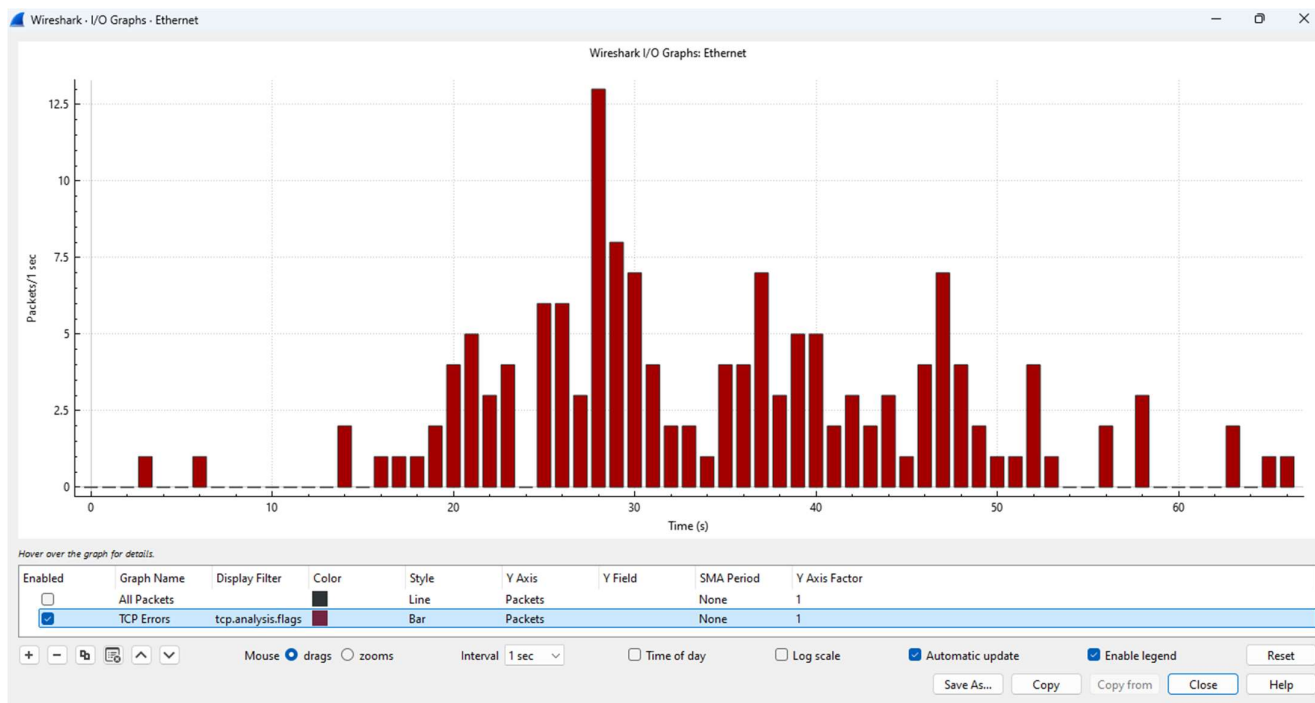
> Address Resolution Protocol (request)

0000 ff ff ff ff ff ff 04 d5 90 98 61 0e 08 06 00 01a.....
0010 08 00 06 04 00 01 04 d5 90 98 61 0e ac 10 00 01a.....
0020 00 00 00 00 00 00 ac 10 01 76 00 00 00 00 00v.....
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00

The screenshot displays the Wireshark network protocol analyzer interface. The top menu bar includes File, Edit, View, Go, Capture, Analyze, Statistics, Telephony, Wireless, Tools, and Help. The toolbar contains icons for various functions like opening files, saving, and analyzing. The main window is divided into three panes:

- Packet List:** Shows a list of captured packets. The selected packet is 23193, an ARP request from Fortinet_98:61:0e to 172.16.0.118.
- Packet Details:** Displays the hierarchical structure of the selected packet. It shows Ethernet II (Type: IPv4), Internet Protocol Version 4 (Source: 172.16.0.1, Destination: 172.16.0.118), and Address Resolution Protocol (Request type: Hardware type: Ethernet (1), Protocol type: IPv4 (0x8000), Opcode: request (1), Sender MAC address: Fortinet_98:61:0e, Sender IP address: 172.16.0.1, Target MAC address: 00:00:00:00:00:00, Target IP address: 172.16.0.118).
- Packet Bytes:** Shows the raw data of the selected packet in hexadecimal and ASCII format.

The status bar at the bottom indicates that 23193 packets are displayed, representing 100.0% of the capture, with 0 packets dropped. The profile is set to Default.



Wireshark - Capture File Properties - Ethernet

Details

File			
Name:	C:\Users\saura\AppData\Local\Temp\wireshark_Ethernet\VKHS2.pcapng		
Length:	10 MB		
Hash (SHA256):	5905d8e4d525ca482d73cd6e68c0f66c765ef887206d31db71030003d00d3a78		
Hash (SHA1):	c825d8a237bc263af590459d18211d67443c1439		
Format:	Wireshark/... - pcapng		
Encapsulation:	Ethernet		
Time			
First packet:	2024-08-06 14:44:44		
Last packet:	2024-08-06 14:46:39		
Elapsed:	00:01:54		
Capture			
Hardware:	11th Gen Intel(R) Core(TM) i3-1125G4 @ 2.00GHz (with SSE4.2)		
OS:	64-bit Windows 11 (23H2), build 22631		
Application:	Dumpcap (Wireshark) 4.2.6 (v4.2.6-0-g2acd1a854bab)		
Interfaces			
<u>Interface</u>	<u>Dropped packets</u>	<u>Capture filter</u>	<u>Link type</u>
Ethernet	0 (0.0%)	none	Ethernet
<u>Packet size limit (snaplen)</u> 262144 bytes			
Statistics			
<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	23193	23193 (100.0%)	—
Time span, s	114.050	114.050	—

Capture file comments

[Refresh] [Save Comments] [Close] [Copy To Clipboard] [Help]

