



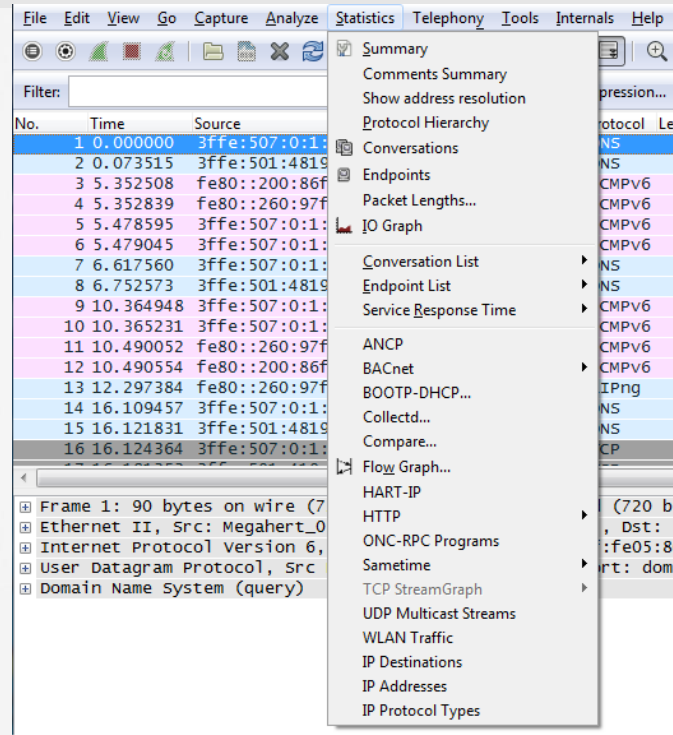
Troubleshooting with Statistics

Wireshark Statistics

» Wireshark statistical analysis

- Summary
- Conversations
- I/O information
- Flow graphs
- Service response time
- Others

Wireshark Statistics



The screenshot shows the Wireshark interface with the Statistics menu open. The menu items are as follows:

- Summary
- Comments Summary
- Show address resolution
- Protocol Hierarchy
- Conversations
- Endpoints
- Packet Lengths...
- IO Graph
- Conversation List
- Endpoint List
- Service Response Time
- ANCP
- BACnet
- BOOTP-DHCP...
- Collectd...
- Compare...
- Flow Graph...
- HART-IP
- HTTP
- ONC-RPC Programs
- Sametime
- TCP StreamGraph
- UDP Multicast Streams
- WLAN Traffic
- IP Destinations
- IP Addresses
- IP Protocol Types

The background shows a packet list table with the following data:

No.	Time	Source
1	0.000000	3ffe:507:0:1:...
2	0.073515	3ffe:501:4819...
3	5.352508	fe80::200:86f...
4	5.352839	fe80::260:97f...
5	5.478595	3ffe:507:0:1:...
6	5.479045	3ffe:507:0:1:...
7	6.617560	3ffe:507:0:1:...
8	6.752573	3ffe:501:4819...
9	10.364948	3ffe:507:0:1:...
10	10.365231	3ffe:507:0:1:...
11	10.490052	fe80::260:97f...
12	10.490554	fe80::200:86f...
13	12.297384	fe80::260:97f...
14	16.109457	3ffe:507:0:1:...
15	16.121831	3ffe:501:4819...
16	16.124364	3ffe:507:0:1:...

The packet details pane shows the following information for the selected packet:

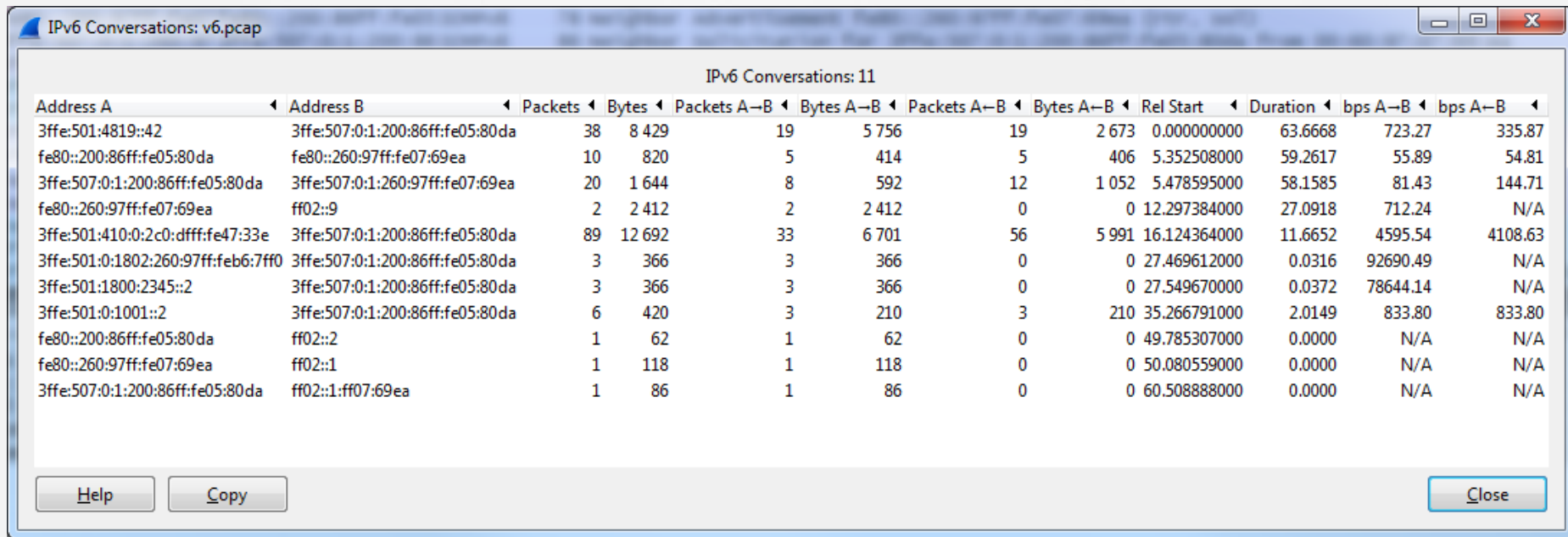
- Frame 1: 90 bytes on wire (720 bytes captured)
- Ethernet II, Src: Megahert_0
- Internet Protocol Version 6, Src: fe80::200:86f...
- User Datagram Protocol, Src Port: 5000, Dst Port: 5000
- Domain Name System (query)

Wireshark Statistics

» Wireshark protocol analysis

- Review available protocols
- Analyze number of packets, data, and protocols present in the capture
- Assess conversations
- Check endpoint health

Wireshark Statistics



IPv6 Conversations: v6.pcap

IPv6 Conversations: 11

Address A	Address B	Packets	Bytes	Packets A-B	Bytes A-B	Packets A-B	Bytes A-B	Rel Start	Duration	bps A-B	bps A-B
3ffe:501:4819::42	3ffe:507:0:1:200:86ff:fe05:80da	38	8 429	19	5 756	19	2 673	0.000000000	63.6668	723.27	335.87
fe80::200:86ff:fe05:80da	fe80::260:97ff:fe07:69ea	10	820	5	414	5	406	5.352508000	59.2617	55.89	54.81
3ffe:507:0:1:200:86ff:fe05:80da	3ffe:507:0:1:260:97ff:fe07:69ea	20	1 644	8	592	12	1 052	5.478595000	58.1585	81.43	144.71
fe80::260:97ff:fe07:69ea	ff02::9	2	2 412	2	2 412	0	0	12.297384000	27.0918	712.24	N/A
3ffe:501:410:0:2c0:dfff:fe47:33e	3ffe:507:0:1:200:86ff:fe05:80da	89	12 692	33	6 701	56	5 991	16.124364000	11.6652	4595.54	4108.63
3ffe:501:0:1802:260:97ff:feb6:7ff0	3ffe:507:0:1:200:86ff:fe05:80da	3	366	3	366	0	0	27.469612000	0.0316	92690.49	N/A
3ffe:501:1800:2345::2	3ffe:507:0:1:200:86ff:fe05:80da	3	366	3	366	0	0	27.549670000	0.0372	78644.14	N/A
3ffe:501:0:1001::2	3ffe:507:0:1:200:86ff:fe05:80da	6	420	3	210	3	210	35.266791000	2.0149	833.80	833.80
fe80::200:86ff:fe05:80da	ff02::2	1	62	1	62	0	0	49.785307000	0.0000	N/A	N/A
fe80::260:97ff:fe07:69ea	ff02::1	1	118	1	118	0	0	50.080559000	0.0000	N/A	N/A
3ffe:507:0:1:200:86ff:fe05:80da	ff02::1:ff07:69ea	1	86	1	86	0	0	60.508888000	0.0000	N/A	N/A

Help Copy Close

Wireshark Statistics

» Wireshark statistical analysis

- Top talkers
- Protocols hierarchy
- Other troubleshooting specifics

Wireshark Statistics

Display filter: none

Protocol	% Packets	Packets	% Bytes	Bytes	Mbit/s	End Packets	End Bytes	End Mbit/s
Frame	100.00 %	161	100.00 %	25651	0.003	0	0	0.000
Ethernet	100.00 %	161	100.00 %	25651	0.003	0	0	0.000
Internet Protocol Version 6	100.00 %	161	100.00 %	25651	0.003	0	0	0.000
User Datagram Protocol	31.06 %	50	43.39 %	11129	0.001	0	0	0.000
Domain Name Service	22.36 %	36	30.52 %	7829	0.001	36	7829	0.001
RIPng	1.24 %	2	9.40 %	2412	0.000	2	2412	0.000
Data	7.45 %	12	3.46 %	888	0.000	12	888	0.000
Internet Control Message Protocol v6	30.43 %	49	17.73 %	4548	0.001	49	4548	0.001
Transmission Control Protocol	38.51 %	62	38.88 %	9974	0.001	21	1870	0.000
SSH Protocol	25.47 %	41	31.59 %	8104	0.001	41	8104	0.001

Help Close

Questions?