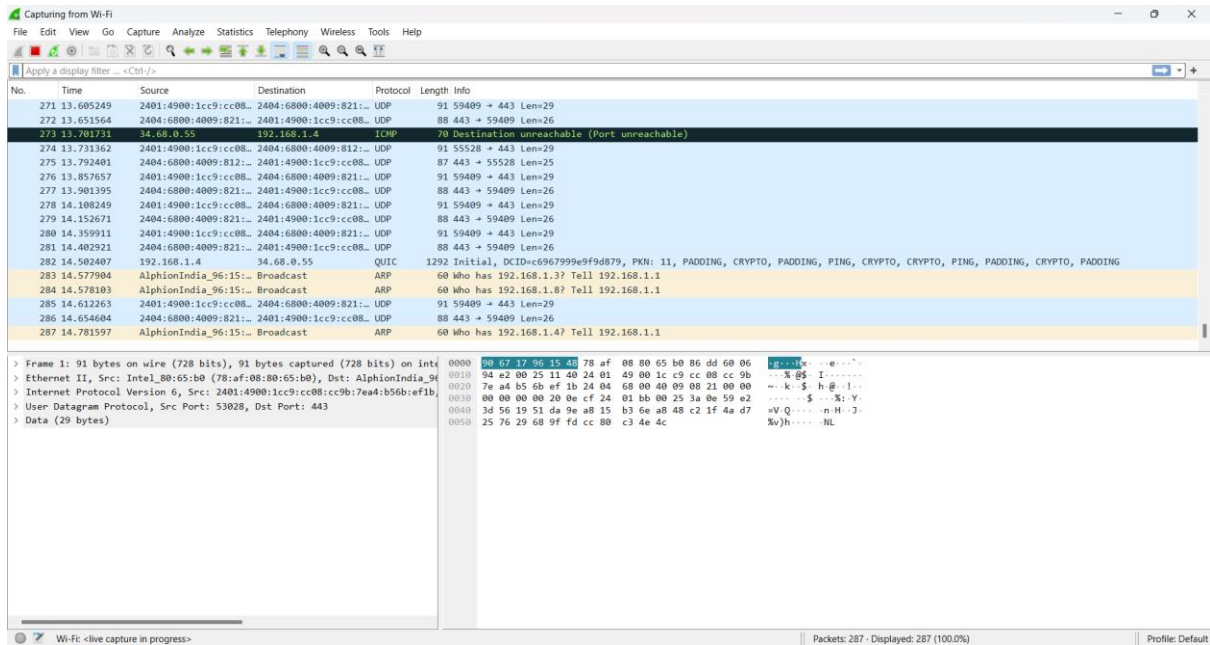
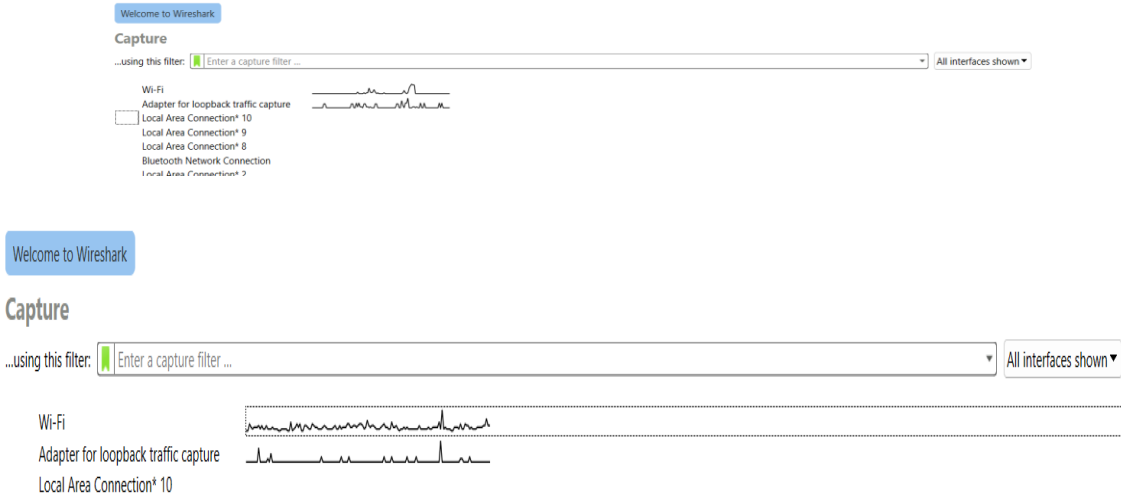
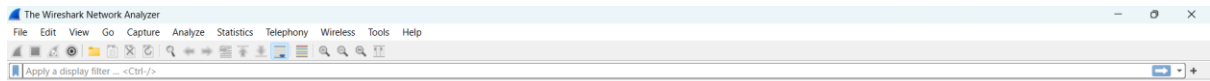
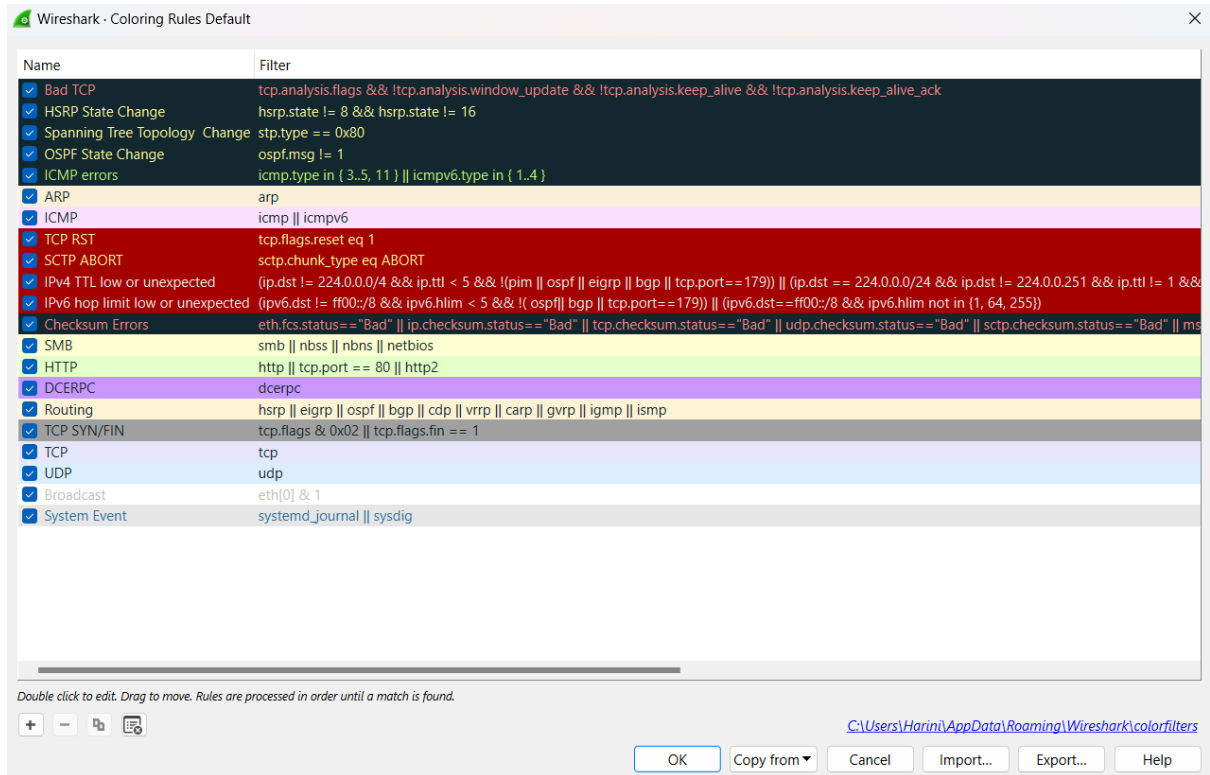
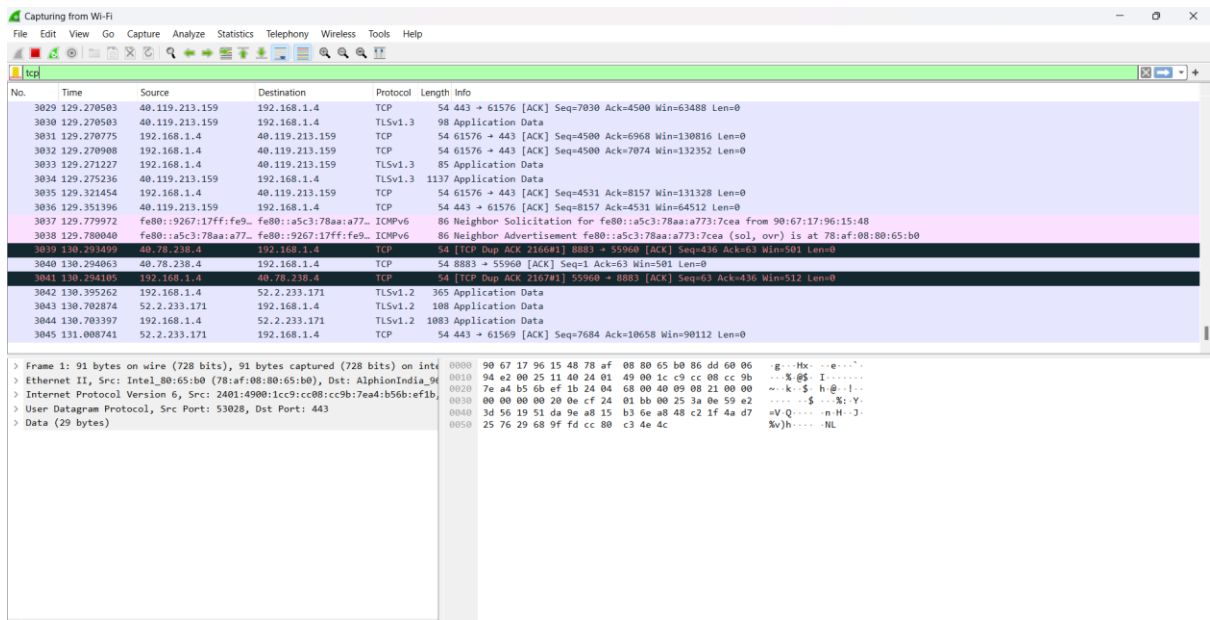


## Capture:

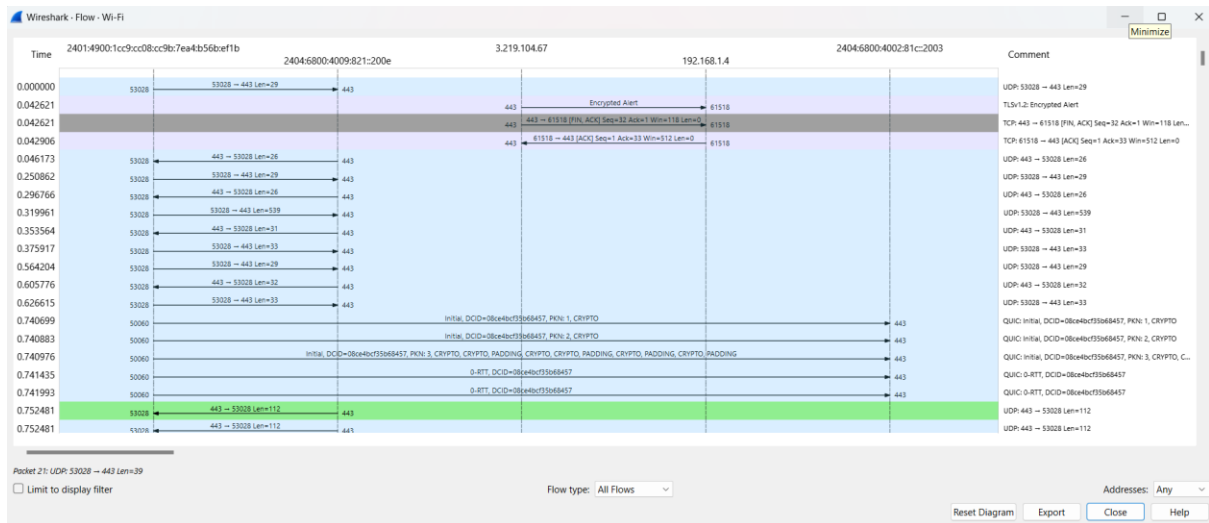




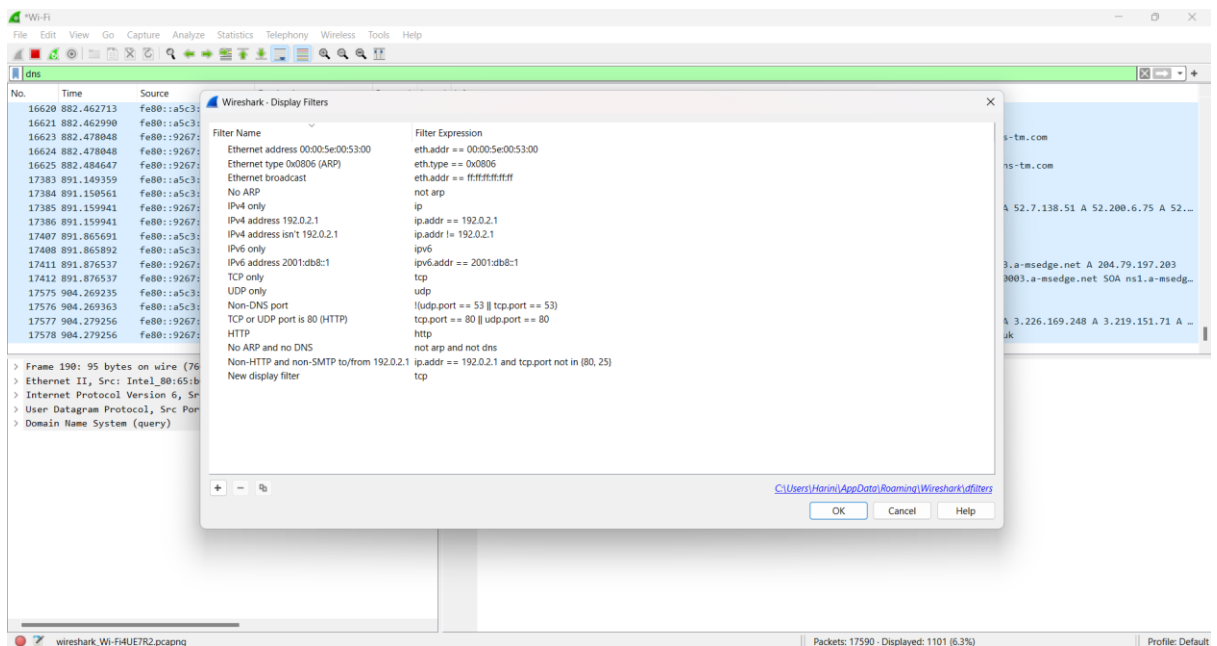
## APPLY FILTERS:



## FLOWGRAPHS:



## DNS:



## APPLY AS FILTER:

The screenshot shows a Wi-Fi network traffic capture in a packet analyzer. The filter is set to 'dns'. The packet list shows a series of DNS queries and responses. The packet details pane shows the structure of a DNS query, including the question section with a query for 'mail.google.com'.

No.	Time	Source	Destination	Protocol	Length	Info
18408	949.652334	fe80::a5c3:78aa:a77...	fe80::9267:17ff:fe9...	DNS	114	Standard query 0xffff6 HTTPS nav-edge.smartscreen.microsoft.com
18410	949.659945	fe80::9267:17ff:fe9...	fe80::a5c3:78aa:a77...	DNS	282	Standard query response 0xc35b AAAA nav-edge.smartscreen.microsoft.com CNAME prod-atm-wds-edge.trafficmanager.net CNAME prod-ag...
18411	949.663228	fe80::9267:17ff:fe9...	fe80::a5c3:78aa:a77...	DNS	238	Standard query response 0xc28d A nav-edge.smartscreen.microsoft.com CNAME prod-atm-wds-edge.trafficmanager.net CNAME prod-agic...
18412	949.665286	fe80::9267:17ff:fe9...	fe80::a5c3:78aa:a77...	DNS	282	Standard query response 0xffff6 HTTPS nav-edge.smartscreen.microsoft.com CNAME prod-atm-wds-edge.trafficmanager.net CNAME prod-a...
18495	955.265707	fe80::a5c3:78aa:a77...	fe80::9267:17ff:fe9...	DNS	95	Standard query 0xc2e9 AAAA mail.google.com
18496	955.267017	fe80::a5c3:78aa:a77...	fe80::9267:17ff:fe9...	DNS	95	Standard query 0xc368a A mail.google.com
18497	955.267710	fe80::a5c3:78aa:a77...	fe80::9267:17ff:fe9...	DNS	95	Standard query 0xc9283 HTTPS mail.google.com
18498	955.277503	fe80::9267:17ff:fe9...	fe80::a5c3:78aa:a77...	DNS	123	Standard query response 0xc2e9 AAAA mail.google.com AAAA 2404:6800:4002:812::2005
18499	955.281511	fe80::9267:17ff:fe9...	fe80::a5c3:78aa:a77...	DNS	111	Standard query response 0xc368a A mail.google.com A 142.250.183.37
18500	955.281511	fe80::9267:17ff:fe9...	fe80::a5c3:78aa:a77...	DNS	145	Standard query response 0xc9283 HTTPS mail.google.com SOA ns1.google.com
18509	961.290218	fe80::a5c3:78aa:a77...	fe80::9267:17ff:fe9...	DNS	108	Standard query 0xc9dc AAAA applet-bundles.grammarly.net
18700	961.290719	fe80::a5c3:78aa:a77...	fe80::9267:17ff:fe9...	DNS	108	Standard query 0xc6414 A applet-bundles.grammarly.net
18704	961.300329	fe80::9267:17ff:fe9...	fe80::a5c3:78aa:a77...	DNS	193	Standard query response 0xc9dc AAAA applet-bundles.grammarly.net SOA ns-1253.awsdns-28.org
18705	961.300329	fe80::9267:17ff:fe9...	fe80::a5c3:78aa:a77...	DNS	309	Standard query response 0xc6414 A applet-bundles.grammarly.net A 18.161.229.44 A 18.161.229.112 A 18.161.229.87 A 18.161.229.94 ...
18835	968.064388	fe80::a5c3:78aa:a77...	fe80::9267:17ff:fe9...	DNS	90	Standard query 0xcacf AAAA google.com
18836	968.064827	fe80::a5c3:78aa:a77...	fe80::9267:17ff:fe9...	DNS	90	Standard query 0xc378 A google.com
18837	968.065280	fe80::9267:17ff:fe9...	fe80::9267:17ff:fe9...	DNS	90	Standard query 0xc74f6 HTTPS google.com
18838	968.070695	fe80::9267:17ff:fe9...	fe80::a5c3:78aa:a77...	DNS	118	Standard query response 0xcacf AAAA google.com AAAA 2404:6800:4002:816::200e

Frame 18499: 111 bytes on wire (888 bits), 111 bytes captured (888 bits) on Ethernet II, Src: AlphonIndia\_96:15:48 (08:67:17:96:15:48), Dst: Intel\_80:65:b0:00:00:00, Internet Protocol Version 6, Src: fe80::9267:17ff:fe96:1548, Dst: fe80::a5c3:78aa:a77... User Datagram Protocol, Src Port: 53, Dst Port: 63717 Domain Name System (response)

0000 78 af 08 80 65 b0 00 67 17 96 15 48 86 dd 60 0e x...e g...H...  
0010 ab 78 00 39 11 40 fe 80 00 00 00 00 00 92 67 p-9@.....g  
0020 17 ff fe 96 15 48 fe 80 00 00 00 00 00 a5 c3 .....H.....  
0030 78 aa a7 73 7c ea 00 15 f8 e5 00 39 e9 50 36 8a x...l...9-P6  
0040 81 80 00 01 00 01 00 00 00 00 04 6d 61 69 5c 06 .....mail-  
0050 67 6f 67 6c 65 03 63 6f 6d 00 00 01 00 01 c0 google-c om.....  
0060 0c 00 01 00 01 00 00 00 aa 00 04 8e fa b7 25 .....%

## Arp

The screenshot shows a PCAPng network traffic capture in a packet analyzer. The filter is set to 'arp'. The packet list shows a series of ARP requests and replies. The packet details pane shows the structure of an ARP request, including the source and target MAC and IP addresses.

No.	Time	Source	Destination	Protocol	Length	Info
18375	947.347722	AlphonIndia_96:15:48	Broadcast	ARP	60	Who has 192.168.1.8? Tell 192.168.1.1
18386	947.553225	AlphonIndia_96:15:48	Broadcast	ARP	60	Who has 192.168.1.4? Tell 192.168.1.1
18387	947.553264	Intel_80:65:b0	AlphonIndia_96:15:48	ARP	42	192.168.1.4 is at 78:af:08:80:65:b0
18450	950.419389	AlphonIndia_96:15:48	Broadcast	ARP	60	Who has 192.168.1.8? Tell 192.168.1.1
18452	950.624133	AlphonIndia_96:15:48	Broadcast	ARP	60	Who has 192.168.1.4? Tell 192.168.1.1
18453	950.624166	Intel_80:65:b0	AlphonIndia_96:15:48	ARP	42	192.168.1.4 is at 78:af:08:80:65:b0
18489	953.492120	AlphonIndia_96:15:48	Broadcast	ARP	60	Who has 192.168.1.8? Tell 192.168.1.1
18493	953.697313	AlphonIndia_96:15:48	Broadcast	ARP	60	Who has 192.168.1.4? Tell 192.168.1.1
18494	953.697343	Intel_80:65:b0	AlphonIndia_96:15:48	ARP	42	192.168.1.4 is at 78:af:08:80:65:b0
18538	956.461388	AlphonIndia_96:15:48	Broadcast	ARP	60	Who has 192.168.1.8? Tell 192.168.1.1
18545	956.768941	AlphonIndia_96:15:48	Broadcast	ARP	60	Who has 192.168.1.4? Tell 192.168.1.1
18546	956.769173	Intel_80:65:b0	AlphonIndia_96:15:48	ARP	42	192.168.1.4 is at 78:af:08:80:65:b0
18574	959.635680	AlphonIndia_96:15:48	Broadcast	ARP	60	Who has 192.168.1.8? Tell 192.168.1.1
18575	959.840210	AlphonIndia_96:15:48	Broadcast	ARP	60	Who has 192.168.1.4? Tell 192.168.1.1
18576	959.840269	Intel_80:65:b0	AlphonIndia_96:15:48	ARP	42	192.168.1.4 is at 78:af:08:80:65:b0
18753	962.707246	AlphonIndia_96:15:48	Broadcast	ARP	60	Who has 192.168.1.8? Tell 192.168.1.1
18757	962.911971	AlphonIndia_96:15:48	Broadcast	ARP	60	Who has 192.168.1.4? Tell 192.168.1.1
18758	962.912007	Intel_80:65:b0	AlphonIndia_96:15:48	ARP	42	192.168.1.4 is at 78:af:08:80:65:b0

Frame 18494: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on Ethernet II, Src: Intel\_80:65:b0 (78:af:08:80:65:b0), Dst: AlphonIndia\_96:15:48 (08:67:17:96:15:48), Address Resolution Protocol (reply)

0000 90 67 17 96 15 48 78 af 08 80 65 b0 08 06 00 01 g...Hx...e...  
0010 08 00 06 04 00 02 78 af 08 80 65 b0 c0 a8 01 04 .....x...e...  
0020 90 67 17 96 15 48 c0 a8 01 01 g...Hx...e...

## Icmp

The screenshot shows a Wireshark packet capture for the ICMP protocol. The packet list on the left shows several ICMP messages, all of which are "Destination unreachable (Port unreachable)". The packet details pane on the right shows the structure of an ICMP message, including the type (3), code (3), and checksum. The packet bytes pane on the right shows the raw data of the message, including the destination IP address (192.168.1.4) and the port number (80).

No.	Time	Source	Destination	Protocol	Length	Info
257	12.838072	34.68.0.55	192.168.1.4	ICMP	70	Destination unreachable (Port unreachable)
262	13.165763	34.68.0.55	192.168.1.4	ICMP	70	Destination unreachable (Port unreachable)
273	13.701731	34.68.0.55	192.168.1.4	ICMP	70	Destination unreachable (Port unreachable)
289	14.785132	34.68.0.55	192.168.1.4	ICMP	70	Destination unreachable (Port unreachable)
317	16.761653	34.68.0.55	192.168.1.4	ICMP	70	Destination unreachable (Port unreachable)
318	16.765518	34.68.0.55	192.168.1.4	ICMP	70	Destination unreachable (Port unreachable)
338	17.076624	34.68.0.55	192.168.1.4	ICMP	70	Destination unreachable (Port unreachable)
363	17.684376	34.68.0.55	192.168.1.4	ICMP	70	Destination unreachable (Port unreachable)
388	18.981286	34.68.0.55	192.168.1.4	ICMP	70	Destination unreachable (Port unreachable)
402	20.825468	34.68.0.55	192.168.1.4	ICMP	70	Destination unreachable (Port unreachable)

> Frame 402: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
> Ethernet II, Src: AlphonIndia, 96:15:48 (90:67:17:96:15:48), Dst: Intel\_80:00:00:00:00:00  
> Internet Protocol Version 4, Src: 34.68.0.55, Dst: 192.168.1.4  
> Internet Control Message Protocol

Internet Control Message Protocol: Protocol

Packets: 19299 - Displayed: 10 (0.1%) - Dropped: 0 (0.0%)

Profile: Default

## http

The screenshot shows a Wireshark packet capture for the HTTP protocol. The packet list on the left shows a GET request for /connecttest.txt. The packet details pane on the right shows the structure of the HTTP message, including the request line, headers, and body. The packet bytes pane on the right shows the raw data of the message, including the request line, headers, and body.

No.	Time	Source	Destination	Protocol	Length	Info
8855	691.828272	192.168.1.4	23.48.226.59	HTTP	208	GET /connecttest.txt HTTP/1.1
8857	691.828646	2401:4900:1cc9:cc08::2600:140f:f400::173	2401:4900:1cc9:cc08::2600:140f:f400::173	HTTP	229	GET /connecttest.txt HTTP/1.1
8875	691.856944	23.48.226.59	192.168.1.4	HTTP	241	HTTP/1.1 200 OK (text/plain)
8878	691.856944	2600:140f:f400::173	2401:4900:1cc9:cc08::2600:140f:f400::173	HTTP	261	HTTP/1.1 200 OK (text/plain)
9011	692.368021	2401:4900:1cc9:cc08::2600:140f:f400::173	2401:4900:1cc9:cc08::2600:140f:f400::173	HTTP	186	GET /connecttest.txt HTTP/1.1
9020	692.418496	2600:140f:f400::173	2401:4900:1cc9:cc08::2600:140f:f400::173	HTTP	261	HTTP/1.1 200 OK (text/plain)
9064	692.437072	192.168.1.4	23.48.226.59	HTTP	165	GET /connecttest.txt HTTP/1.1
9071	692.470951	23.48.226.59	192.168.1.4	HTTP	241	HTTP/1.1 200 OK (text/plain)
12387	760.228672	2401:4900:1cc9:cc08::2600:140f:f400::173	2401:4900:1cc9:cc08::2600:140f:f400::173	HTTP	274	GET /r/r1.crl HTTP/1.1
12390	760.245075	2401:4900:1cc9:cc08::2600:140f:f400::173	2401:4900:1cc9:cc08::2600:140f:f400::173	HTTP	297	HTTP/1.1 304 Not Modified
12399	760.286036	2401:4900:1cc9:cc08::2600:140f:f400::173	2401:4900:1cc9:cc08::2600:140f:f400::173	HTTP	301	GET / HTTP/1.1
12403	760.296840	2600:140f:f400::173	2401:4900:1cc9:cc08::2600:140f:f400::173	HTTP	337	HTTP/1.1 304 Not Modified
12404	760.307610	2401:4900:1cc9:cc08::2600:140f:f400::173	2401:4900:1cc9:cc08::2600:140f:f400::173	HTTP	276	GET /r/r1.crl HTTP/1.1
12406	760.318217	2401:4900:1cc9:cc08::2600:140f:f400::173	2401:4900:1cc9:cc08::2600:140f:f400::173	HTTP	297	HTTP/1.1 304 Not Modified
12407	760.349633	2401:4900:1cc9:cc08::2600:140f:f400::173	2401:4900:1cc9:cc08::2600:140f:f400::173	HTTP	274	GET /r/r1.crl HTTP/1.1
12408	760.358411	2401:4900:1cc9:cc08::2600:140f:f400::173	2401:4900:1cc9:cc08::2600:140f:f400::173	HTTP	297	HTTP/1.1 304 Not Modified
12418	760.396879	2401:4900:1cc9:cc08::2600:140f:f400::173	2401:4900:1cc9:cc08::2600:140f:f400::173	HTTP	471	GET /MFwTzBNMEswSTA7BgUnDgMcGgIABBRz2bwARTxMteEy9aspRAZg5QFhagQQUgrrkPZ2Fon85x6J13rX2F2ztWk1V88CEHHVXVSvNVTDNixp9wLa80%3D HTTP/1.1
12422	760.406999	2600:140f:f400::173	2401:4900:1cc9:cc08::2600:140f:f400::173	HTTP	433	HTTP/1.1 304 Not Modified

> Frame 8855: 208 bytes on wire (1664 bits), 208 bytes captured (1664 bits) on interface  
> Ethernet II, Src: Intel\_80:05:b0 (78:af:08:05:b0), Dst: AlphonIndia, 96:15:48 (90:67:17:96:15:48)  
> Internet Protocol Version 4, Src: 192.168.1.4, Dst: 23.48.226.59  
> Transmission Control Protocol, Src Port: 61623, Dst Port: 80, Seq: 1, Ack: 34381, Win: 0, Len: 0  
> Hypertext Transfer Protocol

Hypertext Transfer Protocol: Protocol

Packets: 19299 - Displayed: 28 (0.1%) - Dropped: 0 (0.0%)

Profile: Default

## Tcp:

PKTS.pcapng

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tcp

No.	Time	Source	Destination	Protocol	Length	Info
8845	691.767915	2401:4900:1cc9:cc08...	2600:140f:f400::173...	TCP	86	61622 → 80 [SYN] Seq=0 Win=64440 Len=0 MSS=1432 WS=256 SACK_PERM
8846	691.770490	192.168.1.4	23.48.226.59	TCP	66	61623 → 80 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
8849	691.808223	2404:6800:4003:c11::...	2401:4900:1cc9:cc08...	TCP	86	5228 → 61621 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=1440 SACK_PERM WS=256
8850	691.808524	2401:4900:1cc9:cc08...	2404:6800:4003:c11::...	TCP	74	61621 → 5228 [ACK] Seq=1 Ack=1 Win=131584 Len=0
8851	691.809920	2401:4900:1cc9:cc08...	2404:6800:4003:c11::...	TLShv1.3	1837	Client Hello (SNI=mtalk.google.com)
8852	691.827601	23.48.226.59	192.168.1.4	TCP	66	80 → 61623 [SYN, ACK] Seq=0 Ack=1 Win=64240 Len=0 MSS=1452 SACK_PERM WS=128
8853	691.827601	2600:140f:f400::173...	2401:4900:1cc9:cc08...	TCP	86	80 → 61622 [SYN, ACK] Seq=0 Ack=1 Win=64800 Len=0 MSS=1432 SACK_PERM WS=128
8854	691.827920	192.168.1.4	23.48.226.59	TCP	54	61623 → 80 [ACK] Seq=1 Ack=1 Win=132096 Len=0
8855	691.828272	192.168.1.4	23.48.226.59	HTTP	208	GET /connecttest.txt HTTP/1.1
8856	691.828289	2401:4900:1cc9:cc08...	2600:140f:f400::173...	TCP	74	61622 → 80 [ACK] Seq=1 Ack=1 Win=131584 Len=0
8857	691.828646	2401:4900:1cc9:cc08...	2600:140f:f400::173...	HTTP	229	GET /connecttest.txt HTTP/1.1
8860	691.855787	2404:6800:4003:c11::...	2401:4900:1cc9:cc08...	TCP	74	5228 → 61621 [ACK] Seq=1 Ack=1433 Win=68608 Len=0
8861	691.855787	2404:6800:4003:c11::...	2401:4900:1cc9:cc08...	TCP	74	5228 → 61621 [ACK] Seq=1 Ack=1764 Win=71424 Len=0
8862	691.855787	2404:6800:4003:c11::...	2401:4900:1cc9:cc08...	TLShv1.3	1294	Server Hello
8863	691.855787	2404:6800:4003:c11::...	2401:4900:1cc9:cc08...	TLShv1.3	1294	Change Cipher Spec
8864	691.855787	2404:6800:4003:c11::...	2401:4900:1cc9:cc08...	TCP	1294	5228 → 61621 [ACK] Seq=2441 Ack=1764 Win=71424 Len=1220 [TCP segment of a reassembled PDU]
8865	691.855787	2404:6800:4003:c11::...	2401:4900:1cc9:cc08...	TCP	1294	5228 → 61621 [ACK] Seq=3661 Ack=1764 Win=71424 Len=1220 [TCP segment of a reassembled PDU]
8866	691.855787	2404:6800:4003:c11::...	2401:4900:1cc9:cc08...	TCP	1294	5228 → 61621 [PSH, ACK] Seq=4881 Ack=1764 Win=71424 Len=1220 [TCP segment of a reassembled PDU]

> Frame 8855: 208 bytes on wire (1664 bits), 208 bytes captured (1664 bits) on interface 0

> Ethernet II, Src: Intel\_80:65:b0 (78:af:00:80:65:b0), Dst: AlphonIndia\_96 (08:00:0c:2b:f0:b7)

> Internet Protocol Version 4, Src: 192.168.1.4, Dst: 23.48.226.59

> Transmission Control Protocol, Src Port: 61623, Dst Port: 80, Seq: 1, Ack: 61622, Len: 0

> Hypertext Transfer Protocol

0000 90 67 17 96 15 48 78 af 08 00 65 b0 00 00 45 00 g--Hc---E-  
0010 00 c2 30 3d 40 00 80 06 00 00 c0 a8 01 04 17 30 -0@-...-0  
0020 e2 3b f0 b7 00 50 e7 74 c6 2a 9f 9c cf 79 50 18 ;...P.t...yP  
0030 02 04 bb cc 00 00 47 45 54 20 2f 63 6f 6e 6e 65 .....GE T /conne  
0040 63 74 65 73 74 2e 74 78 74 20 48 54 50 2f ctttest.t xt HTTP/  
0050 31 2e 31 0d 0a 43 61 63 68 65 2d 43 6f 6e 74 72 1.1--Cac he-Contr  
0060 6f 6c 3a 20 6e 6f 2d 63 61 63 68 65 0d 0a 43 6f ol: no-c ache- Co  
0070 6e 6e 65 63 74 09 6f 6e 3a 20 43 6c 6f 73 05 0d mnection : Close  
0080 0a 50 72 61 67 6d 61 3a 20 6e 6f 2d 63 61 63 68 .Pragae: no-cach  
0090 65 0d 0a 55 73 65 72 2d 41 67 65 6e 74 3a 20 4d e--User- Agent: M  
00a0 69 63 72 6f 73 6f 66 74 20 4e 43 53 49 0d 0a 48 icrosoft NCSI..H  
00b0 6f 73 74 3a 20 77 77 77 2e 6d 73 66 74 63 6f 6e ost: ww..softcon  
00c0 6e 65 63 74 74 65 73 74 2e 63 6f 6d 0d 0a 0d 0a necttest .com----

Transmission Control Protocol: Protocol

Packets: 19299 - Displayed: 7894 (40.9%) - Dropped: 0 (0.0%)

Profile: Default