

Filtered some protocols from the captured data

tls						
No.	Time	Source	Destination	Protocol	Length	Info
358	60.966847	192.168.146.133	142.250.193.142	TLSv1.2	89	Application Data
359	60.967012	142.250.193.142	192.168.146.133	TLSv1.2	806	Application Data
360	60.969286	192.168.146.133	142.250.193.142	TLSv1.2	90	Application Data
361	60.969357	142.250.193.142	192.168.146.133	TLSv1.2	89	Application Data
362	60.969357	142.250.193.142	192.168.146.133	TLSv1.2	97	Application Data
364	60.969443	192.168.146.133	142.250.193.142	TLSv1.2	90	Application Data
365	60.969542	192.168.146.133	142.250.193.142	TLSv1.2	89	Application Data
366	60.969817	192.168.146.133	142.250.193.142	TLSv1.2	93	Application Data
377	60.994549	142.250.193.142	192.168.146.133	TLSv1.2	127	Application Data
378	60.994549	142.250.193.142	192.168.146.133	TLSv1.2	1338	Application Data
380	60.994769	142.250.193.142	192.168.146.133	TLSv1.2	746	Application Data
381	60.994769	142.250.193.142	192.168.146.133	TLSv1.2	89	Application Data
391	64.971224	192.168.146.133	34.237.73.95	TLSv1.2	293	Application Data
392	64.971697	192.168.146.133	34.237.73.95	TLSv1.2	295	Application Data
393	65.284313	35.174.127.31	192.168.146.133	TLSv1.2	317	Application Data
396	65.602992	34.237.73.95	192.168.146.133	TLSv1.2	78	Application Data
397	65.602992	34.237.73.95	192.168.146.133	TLSv1.2	315	Application Data
399	65.603793	192.168.146.133	34.237.73.95	TLSv1.2	82	Application Data
401	65.968280	192.168.146.133	34.237.73.95	TLSv1.2	163	Application Data
402	KA.100428	190.743.91.01	192.168.146.133	TLSv1.2	93	Application Data
dns						
No.	Time	Source	Destination	Protocol	Length	Info
104	19.903562	192.168.146.133	192.168.146.246	DNS	91	Standard query 0x3c3 A signalr-pa.clients6.google.com
105	19.903755	192.168.146.133	192.168.146.246	DNS	91	Standard query 0x3da HTTP signalr-pa.clients6.google.com
106	20.010848	192.168.146.246	192.168.146.133	DNS	107	Standard query response 0x3c3 A signalr-pa.clients6.google.com A 142.250.194.10
107	20.010848	192.168.146.246	192.168.146.133	DNS	141	Standard query response 0x3da HTTP signalr-pa.clients6.google.com SOA ns1.google.com
257	51.867487	192.168.146.133	192.168.146.246	DNS	89	Standard query 0x826c A media-del2-1.cdn.whatsapp.net
258	51.909398	192.168.146.246	192.168.146.133	DNS	105	Standard query response 0x826c A media-del2-1.cdn.whatsapp.net A 163.70.146.60
259	51.910631	192.168.146.133	192.168.146.246	DNS	89	Standard query 0x18c2 A media-del2-1.cdn.whatsapp.net
260	51.910917	192.168.146.133	192.168.146.246	DNS	89	Standard query 0x5b06 HTTPS media-del2-1.cdn.whatsapp.net
261	51.913417	192.168.146.246	192.168.146.133	DNS	105	Standard query response 0x18c2 A media-del2-1.cdn.whatsapp.net A 163.70.146.60
266	51.938475	192.168.146.246	192.168.146.133	DNS	114	Standard query response 0x5b06 HTTPS media-del2-1.cdn.whatsapp.net HTTPS
305	60.858315	192.168.146.133	192.168.146.246	DNS	94	Standard query 0xb0fb A rr2---sn-gupa-5u9e.googlevideo.com
312	60.874641	192.168.146.246	192.168.146.133	DNS	141	Standard query response 0xb0fb A rr2---sn-gupa-5u9e.googlevideo.com CNAME rr2.sn-gupa-5u9e.googlevideo.com A 49.44.225.173
313	60.877063	192.168.146.133	192.168.146.246	DNS	94	Standard query 0x269e A rr2---sn-gupa-5u9e.googlevideo.com
314	60.877487	192.168.146.133	192.168.146.246	DNS	94	Standard query 0xc4dc HTTPS rr2---sn-gupa-5u9e.googlevideo.com
315	60.880349	192.168.146.246	192.168.146.133	DNS	156	Standard query response 0x269e A rr2---sn-gupa-5u9e.googlevideo.com CNAME rr2.sn-gupa-5u9e.googlevideo.com A 49.44.225.173
324	60.895233	192.168.146.246	192.168.146.133	DNS	182	Standard query response 0xc4dc HTTPS rr2---sn-gupa-5u9e.googlevideo.com CNAME rr2.sn-gupa-5u9e.googlevideo.com SOA ns1.google.com
427	77.082893	192.168.146.133	192.168.146.246	DNS	76	Standard query 0x2c22 A web.whatsapp.com
428	77.083054	192.168.146.133	192.168.146.246	DNS	76	Standard query 0xf4e3 HTTPS web.whatsapp.com
430	77.107649	192.168.146.246	192.168.146.133	DNS	129	Standard query response 0x2c22 A web.whatsapp.com CNAME mx-ds.cdn.whatsapp.net A 157.240.239.60
431	77.107649	192.168.146.246	192.168.146.133	DNS	158	Standard query response 0xf4e3 HTTPS web.whatsapp.com CNAME mx-ds.cdn.whatsapp.net SOA ns.whatsapp.net
tcp						
No.	Time	Source	Destination	Protocol	Length	Info
76	14.825944	192.168.146.133	163.70.146.60	TCP	54	15180 → 5222 [ACK] Seq=9066 Ack=31678 Win=2047 Len=0
77	14.914379	192.168.146.133	163.70.146.60	TCP	2939	15180 → 5222 [PSH, ACK] Seq=9066 Ack=31678 Win=2047 Len=2885 [TCP PDU reassembled in 1092]
78	14.995243	163.70.146.60	192.168.146.133	TCP	54	5222 → 15180 [ACK] Seq=31678 Ack=11666 Win=4220 Len=0
79	14.995243	163.70.146.60	192.168.146.133	TCP	54	5222 → 15180 [ACK] Seq=31678 Ack=11951 Win=4220 Len=0
80	15.362887	163.70.146.60	192.168.146.133	TCP	1334	5222 → 15180 [ACK] Seq=31678 Ack=11951 Win=4220 Len=1280 [TCP PDU reassembled in 2926]
81	15.362887	163.70.146.60	192.168.146.133	TCP	1334	5222 → 15180 [ACK] Seq=32958 Ack=11951 Win=4220 Len=1280 [TCP PDU reassembled in 2926]
82	15.362887	163.70.146.60	192.168.146.133	TCP	1334	5222 → 15180 [ACK] Seq=34238 Ack=11951 Win=4220 Len=1280 [TCP PDU reassembled in 2926]
83	15.362887	163.70.146.60	192.168.146.133	TCP	322	5222 → 15180 [PSH, ACK] Seq=35518 Ack=11951 Win=4220 Len=268 [TCP PDU reassembled in 2926]
84	15.362887	163.70.146.60	192.168.146.133	TCP	1334	5222 → 15180 [ACK] Seq=35786 Ack=11951 Win=4220 Len=1280 [TCP PDU reassembled in 2926]
85	15.362887	163.70.146.60	192.168.146.133	TCP	1334	5222 → 15180 [ACK] Seq=37066 Ack=11951 Win=4220 Len=1280 [TCP PDU reassembled in 2926]
86	15.362887	163.70.146.60	192.168.146.133	TCP	1334	5222 → 15180 [ACK] Seq=38346 Ack=11951 Win=4220 Len=1280 [TCP PDU reassembled in 2926]
87	15.362887	163.70.146.60	192.168.146.133	TCP	300	5222 → 15180 [PSH, ACK] Seq=39626 Ack=11951 Win=4220 Len=246 [TCP PDU reassembled in 2926]
88	15.362887	163.70.146.60	192.168.146.133	TCP	1334	5222 → 15180 [ACK] Seq=39872 Ack=11951 Win=4220 Len=1280 [TCP PDU reassembled in 2926]
89	15.362887	163.70.146.60	192.168.146.133	TCP	1334	5222 → 15180 [ACK] Seq=41152 Ack=11951 Win=4220 Len=1280 [TCP PDU reassembled in 2926]
90	15.362887	163.70.146.60	192.168.146.133	TCP	495	5222 → 15180 [PSH, ACK] Seq=42432 Ack=11951 Win=4220 Len=441 [TCP PDU reassembled in 2926]
91	15.363235	192.168.146.133	163.70.146.60	TCP	54	15180 → 5222 [ACK] Seq=11951 Ack=42873 Win=2047 Len=0
92	16.963879	192.168.146.133	35.174.127.31	TLSv1.2	295	Application Data
93	16.964036	192.168.146.133	34.237.73.95	TLSv1.2	293	Application Data
94	17.429319	35.174.127.31	192.168.146.133	TLSv1.2	318	Application Data
95	17.429319	34.237.73.95	192.168.146.133	TLSv1.2	315	Application Data

Protocols identified: tls, tcp, dns, mdns, arp

Summary of the protocols identified: The application allowed me to captured different types of packets that are passing through my network and the contents of the packet and the details of each packet can be viewed in detail and can be studied to get a deeper understanding on the protocols and their working.