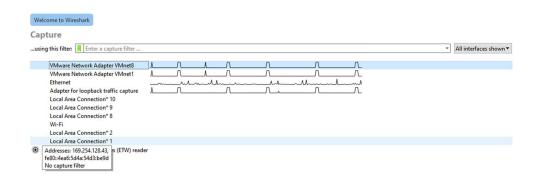
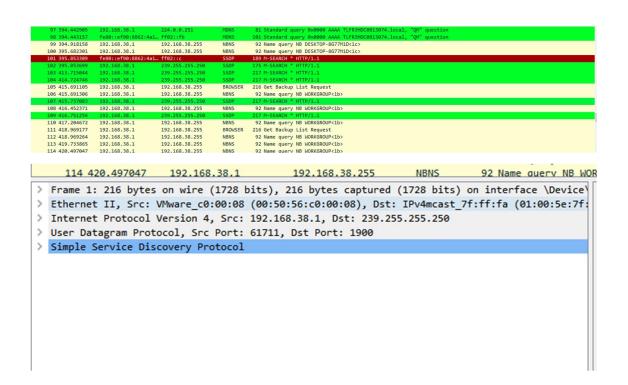
Computer networks

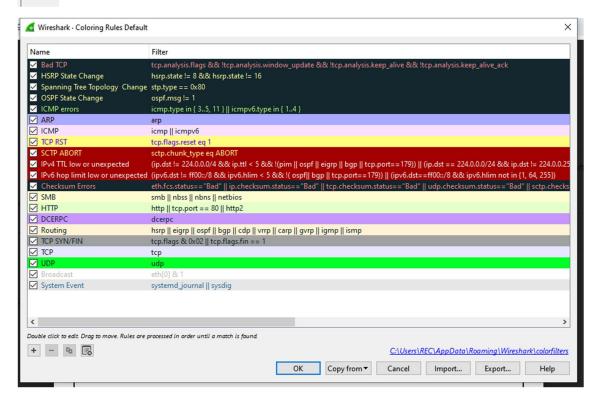
Practical -5

Wireshark experiment





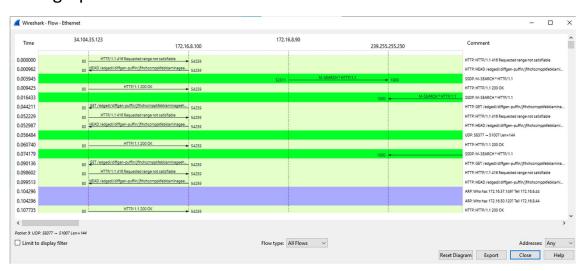
```
0000 01 00 5e 7f ff fa 00 50 56 c0 00 08 08 00 45 00
0010 00 ca 06 90 00 00 01 11 db ef c0 a8 26 01 ef ff
                                                  ·····1·· -·M-SEAR
0020 ff fa f1 0f 07 6c 00 b6 2d a8 4d 2d 53 45 41 52
                                                  CH * HTT P/1.1..H
0030 43 48 20 2a 20 48 54 54 50 2f 31 2e 31 0d 0a 48
0040 4f 53 54 3a 20 32 33 39 2e 32 35 35 2e 32 35 35
                                                  OST: 239 .255.255
0050 2e 32 35 30 3a 31 39 30 30 0d 0a 4d 41 4e 3a 20
                                                  .250:190 0 · MAN:
0060 22 73 73 64 70 3a 64 69 73 63 6f 76 65 72 22 0d
                                                  "ssdp:di scover".
·MX: 1 ·· ST: urn:
0080 64 69 61 6c 2d 6d 75 6c 74 69 73 63 72 65 65 6e
                                                  dial-mul tiscreen
0090 2d 6f 72 67 3a 73 65 72 76 69 63 65 3a 64 69 61
                                                  -org:ser vice:dia
00a0 6c 3a 31 0d 0a 55 53 45 52 2d 41 47 45 4e 54 3a
                                                  1:1 · USE R-AGENT:
00b0 20 47 6f 6f 67 6c 65 20 43 68 72 6f 6d 65 2f 31
                                                  Google Chrome/1
00c0 32 37 2e 30 2e 36 35 33 33 2e 38 39 20 57 69 6e
                                                  27.0.653 3.89 Win
00d0 64 6f 77 73 0d 0a 0d 0a
                                                  dows
```



APPLY FILTER

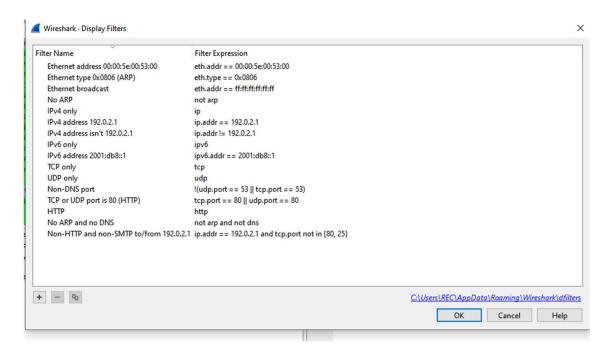
No. Time	Source		estination	Protocol	Length	Info
10536 50.60	6402 172.16.	11.123 2	39.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
10543 50.68	8926 172.16.	10.8 2	39.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
10544 50.70	0405 172.16.	8.211 2	39.255.255.250	SSDP	216	M-SEARCH * HTTP/1.1
10548 50.77	8363 172.16.	9.232 2	39.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
10550 50.78	8938 172.16.	10.172 2	39.255.255.250	SSDP	216	M-SEARCH * HTTP/1.1
10551 50.80	2997 172.16.	9.115 2	39.255.255.250	SSDP	179	M-SEARCH * HTTP/1.1
10553 50.82	2540 172.16.	8.66 2	39.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
10554 50.83	8048 172.16.	8.75 2	39.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
10560 50.93	7289 172.16.	10.196 2	39.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
10563 51.14	6115 172.16.	9.176 2	39.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
10564 51.14	8673 172.16.	10.173 2	39.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
10578 51.28	1598 172.16.	10.151 2	39.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
10580 51.34	3546 172.16.	9.137 2	39.255.255.250	SSDP	216	M-SEARCH * HTTP/1.1
10584 51.41	2580 172.16.	8.218 2	39.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
10586 51.41	3248 172.16.	9.235 2	39.255.255.250	SSDP	216	M-SEARCH * HTTP/1.1
10593 51.41	9185 172.16.	9.75 2	39.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
10594 51.41	9185 172.16.	9.75 2	39.255.255.250	SSDP	213	M-SEARCH * HTTP/1.1

Flow graph



Dns





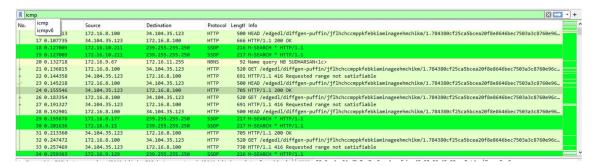
Apply as filter



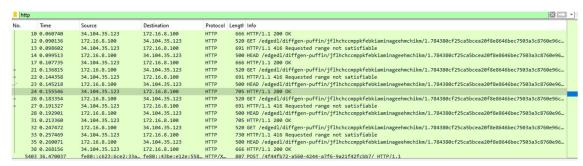
arp

arp						
No. arp ime	Source	Destination	Protocol Length Info			
15 0.104296	0a:e0:af:ae:4f:4f	Broadcast	ARP 60 Who has 172.16.37.149? Tell 172.16.8.44			
16 0.104296	0a:e0:af:ae:4f:4f	Broadcast	ARP 60 Who has 172.16.50.120? Tell 172.16.8.44			
25 0.160479	Dell_69:7b:90	Broadcast	ARP 60 Who has 172.16.8.203? Tell 172.16.11.123			
180 0.504127	Micro-St_c5:c8:a2	Broadcast	ARP 60 Who has 172.16.9.173? Tell 172.16.10.87			
181 0.523477	EliteGro_14:8a:37	Broadcast	ARP 60 Who has 169.254.169.254? Tell 172.16.10.181			
193 0.651796	Dell_69:7b:26	Broadcast	ARP 60 Who has 172.16.11.77? Tell 172.16.8.42			
194 0.657009	HonHaiPr_82:7f:d5	Broadcast	ARP 60 Who has 172.16.11.23? Tell 172.16.10.216			
195 0.657009	HonHaiPr_82:7f:d5	Broadcast	ARP 60 Who has 172.16.11.23? Tell 172.16.10.216			
211 0.892133	0a:e0:af:ae:4f:4f	Broadcast	ARP 60 Who has 172.16.37.149? Tell 172.16.8.44			
212 0.892133	0a:e0:af:ae:4f:4f	Broadcast	ARP 60 Who has 172.16.50.120? Tell 172.16.8.44			
213 0.982446	Giga-Byt_0c:b4:5f	Broadcast	ARP 60 Who has 172.16.11.16? Tell 172.16.8.6			
220 1.054625	Hangzhou_aa:a0:4f	Broadcast	ARP 60 Who has 172.16.9.250? Tell 172.16.11.254			
225 1.151692	Dell_69:7b:90	Broadcast	ARP 60 Who has 172.16.8.203? Tell 172.16.11.123			
226 1.191829	Micro-St_c8:87:c3	Broadcast	ARP 60 Who has 172.16.11.42? Tell 172.16.9.74			
227 1.204630	HonHaiPr_82:7f:d5	Broadcast	ARP 60 Who has 172.16.11.23? Tell 172.16.10.216			
233 1.333814	RealtekS_42:be:b9	Broadcast	ARP 60 Who has 172.16.8.1? Tell 172.16.9.51			
234 1.342572	EliteGro_15:e8:6c	Broadcast	ARP 60 Who has 172.16.10.43? Tell 172.16.10.173			
236 1.430225	Dell 69:7b:26	Broadcast	ARP 60 Who has 172.16.11.77? Tell 172.16.8.42			

Icmp



http



tcp

