



Apply a display filter ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
899	11.470209	172.18.32.203	224.0.0.251	MDNS	151	Standard query 0x0040 PTR _674A0243._sub._googlecast.
900	11.470307	172.18.44.29	239.254.127.63	UDP	130	48000 → 48000 Len=88
901	11.571414	fe80::2:b4ff:feb0:4...	ff02::2	ICMPv6	70	Router Solicitation from 02:02:b4:b0:4c:b6
902	11.571519	RuckusWi_05:e9:70	Broadcast	ARP	60	Who has 172.19.48.1? Tell 172.19.62.7
903	11.572396	7e:1a:7c:82:ce:44	Broadcast	ARP	60	Who has 172.18.32.1? Tell 172.18.41.123
904	11.572723	172.18.34.126	239.255.255.250	SSDP	167	M-SEARCH * HTTP/1.1

> Frame 902: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface \Device\NPF_{D7E82037-F08D-4C34-A93A-18FC99A41E2}

> Ethernet II, Src: RuckusWi_05:e9:70 (dc:ae:eb:05:e9:70), Dst: Broadcast (ff:ff:ff:ff:ff:ff)

> Address Resolution Protocol (request)

0000	ff ff ff ff ff ff dc ae eb 05 e9 70 08 06 00 01p....
0010	08 00 06 04 00 01 dc ae eb 05 e9 70 ac 13 3e 07p>..
0020	00 00 00 00 00 00 ac 13 30 01 00 00 00 00 00 000.....
0030	00 00 00 00 00 00 00 00 00 00 00 00



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No.	Time	Source	Destination	Protocol	Length	Info
899	11.470209	172.18.32.203	224.0.0.251	MDNS	151	Standard query 0x0040 PTR _674A0243._sub._googlecast.
900	11.470307	172.18.44.29	239.254.127.63	UDP	130	48000 → 48000 Len=88
901	11.571414	fe80::2:b4ff:feb0:4...	ff02::2	ICMPv6	70	Router Solicitation from 02:02:b4:b0:4c:b6
902	11.571519	RuckusWi_05:e9:70	Broadcast	ARP	60	Who has 172.19.48.1? Tell 172.19.62.7
903	11.572396	7e:1a:7c:82:ce:44	Broadcast	ARP	60	Who has 172.18.32.1? Tell 172.18.41.123
904	11.572723	172.18.34.126	239.255.255.250	SSDP	167	M-SEARCH * HTTP/1.1

- > Frame 904: 167 bytes on wire (1336 bits), 167 bytes captured (1336 bits) on interface \Device\NPF_{D7E82037-F08D-4C34-A93A-18FC99A}
- > Ethernet II, Src: 22:f7:6b:b5:c3:a1 (22:f7:6b:b5:c3:a1), Dst: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
- > Internet Protocol Version 4, Src: 172.18.34.126, Dst: 239.255.255.250
- > User Datagram Protocol, Src Port: 47308, Dst Port: 1900
- > Simple Service Discovery Protocol

```
0000  01 00 5e 7f ff fa 22 f7 6b b5 c3 a1 08 00 45 00  ..^...". k.....E.
0010  00 99 b4 19 40 00 01 11 06 b0 ac 12 22 7e ef ff  ....@... ....."~..
0020  ff fa b8 cc 07 6c 00 85 52 97 4d 2d 53 45 41 52  ....1.. R·M-SEAR
0030  43 48 20 2a 20 48 54 54 50 2f 31 2e 31 0d 0a 48  CH * HTT P/1.1·H
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"·
0070  0a 4d 58 3a 20 31 0d 0a 53 54 3a 20 75 72 6e 3a  ·MX: 1· ST: urn:
```


Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Packet list

Narrow & Wide

☐ Case sensitive

Display filter

ip.addr == 192.168.1.2

Find

Cancel

No.	Time	Source	Destination	Protocol	Length	Info
13680	71.074617	172.18.26.18	224.0.0.251	MDNS	387	Standard query response 0x0000 SRV, cache flush 0 0 56666 Android-2.local PTR, cache flush Android-2.local PTR, cache flush Andro...
13681	71.080497	172.18.61.44	239.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
13682	71.080497	fe80::47f7:8ed:8d4a...	ff02::fb	MDNS	407	Standard query response 0x0000 SRV, cache flush 0 0 56666 Android-2.local PTR, cache flush Android-2.local PTR, cache flush Andro...
13683	71.169963	172.18.60.34	224.0.0.251	MDNS	470	Standard query response 0x0000 PTR nithik's MacBook Air._companion-link._tcp.local TXT TXT, cache flush SRV, cache flush 0 0 5548...
13684	71.169963	fe80::4f6:c533:308f...	ff02::fb	MDNS	490	Standard query response 0x0000 PTR nithik's MacBook Air._companion-link._tcp.local TXT TXT, cache flush SRV, cache flush 0 0 5548...
13685	71.169963	22:1f:9f:60:6d:a0	Broadcast	ARP	60	Who has 172.18.61.68? Tell 172.18.56.220
13686	71.170546	172.18.50.27	172.18.63.255			
13687	71.170546	172.18.61.44	239.255.255.250			
13688	71.170848	172.18.48.64	255.255.255.255			
13689	71.170848	fe80::4867:725a:3c9...	ff02::1:2			
13690	71.170848	172.18.56.216	172.18.63.255			
13691	71.171225	2a:40:33:30:83:5d	Broadcast			

> Frame 14285: 60 bytes on wire (480 bits), 60 bytes captured

> Ethernet II, Src: RuckusWi_3b:13:bc (74:3e:2b:3b:13:bc), Ds

> Internet Protocol Version 4, Src: 172.18.57.84, Dst: 172.18

> Transmission Control Protocol, Src Port: 7676, Dst Port: 61

Wireshark - All Addresses - Wi-Fi

Topic / Item	Count	Average	Min Val	Max Val	Rate (ms)	Percent	Burst Rate	Burst Start
172.18.62.143	90				0.0001	0.12%	0.0300	462.490
172.18.62.142	31				0.0000	0.04%	0.0100	40.759
172.18.62.134	58				0.0001	0.07%	0.0200	111.722
172.18.62.128	75				0.0001	0.10%	0.0200	55.297
172.18.62.127	35				0.0000	0.04%	0.0400	552.261
172.18.62.126	63				0.0001	0.08%	0.0500	64.411
172.18.62.114	79				0.0001	0.10%	0.0200	205.114
172.18.62.112	1				0.0000	0.00%	0.0100	650.262
172.18.62.103	22				0.0000	0.03%	0.0200	271.780
172.18.62.10	32				0.0000	0.04%	0.0200	866.125
172.18.62.0	19				0.0000	0.02%	0.0400	810.325
172.18.61.99	73				0.0001	0.09%	0.0500	360.049
172.18.61.9	56				0.0001	0.07%	0.0100	4.817
172.18.61.85	7				0.0000	0.01%	0.0200	853.534
172.18.61.84	38				0.0000	0.05%	0.0500	708.326

Display filter:

Apply

Copy Save as... Close

0000 00 45 e2 d7 5e 0b 74 3e 2b 3b 13 bc 08 00 45 00 -E-^..t> +:....E-

0010 00 28 bb 0e 40 00 40 06 bc 58 ac 12 39 54 ac 12 -(..@.@. -X..9T..

0020 31 f0 1d fc f0 07 78 f1 0a 2d 44 ed b3 9d 50 10 1.....x. --D...P-

0030 00 7b 62 43 00 00 00 00 00 00 00 00 00 00 00 -{bC.....

No packet matched that filter.

Packets: 401234 · Displayed: 401234 (100.0%)

Profile: Default

Wireshark - Endpoints - Wi-Fi

Ethernet · 2173	IPv4 · 1259		IPv6 · 2058		UDP · 16662		
Address	Packets	Bytes	Tx Packets	Tx Bytes	Rx Packets	Rx Bytes	
00:45:e2:d7:5e:0b	69,128	68 M	30,905	6267 k	38,223		62 M
da:a9:01:c3:c0:ef	41,248	51 M	24,385	48 M	16,863		3156 k
ff:ff:ff:ff:ff:ff	435,413	27 M	0	0	435,413		27 M
38:90:a5:c8:4d:57	23,819	13 M	10,378	10 M	13,441		3048 k
01:00:5e:7f:ff:fa	29,444	6939 k	0	0	29,444		6939 k
33:33:00:00:00:fb	22,204	4985 k	0	0	22,204		4985 k
01:00:5e:00:00:fb	23,958	4808 k	0	0	23,958		4808 k
74:3e:2b:3b:13:bc	3,729	3943 k	3,729	3943 k	0		0
d8:94:03:a2:2a:33	31,685	1901 k	31,685	1901 k	0		0
cc:3e:5f:bf:4b:cb	23,456	1407 k	23,456	1407 k	0		0
40:b9:3c:19:53:9c	23,432	1405 k	23,432	1405 k	0		0
40:b9:3c:19:3f:7c	23,066	1383 k	23,066	1383 k	0		0
44:31:92:07:fa:ff	22,568	1354 k	22,568	1354 k	0		0
cc:3e:5f:bf:50:b5	22,009	1320 k	22,009	1320 k	0		0
cc:3e:5f:bf:4c:31	22,000	1320 k	22,000	1320 k	0		0
33:33:00:00:00:0c	1,937	1311 k	0	0	1,937		1311 k
cc:3e:5f:bf:51:81	21,456	1287 k	21,456	1287 k	0		0
cc:3e:5f:bf:4c:97	21,443	1286 k	21,443	1286 k	0		0
cc:3e:5f:bf:51:1b	21,210	1272 k	21,210	1272 k	0		0
44:31:92:07:ec:1f	21,066	1263 k	21,066	1263 k	0		0
cc:3e:5f:bf:49:cd	20,507	1230 k	20,507	1230 k	0		0
33:33:00:00:00:16	10,646	1116 k	0	0	10,646		1116 k
cc:3e:5f:c8:2d:f7	11,233	673 k	11,233	673 k	0		0
44:31:92:f1:0f:76	9,267	556 k	9,267	556 k	0		0
33:33:00:01:00:02	3,419	520 k	0	0	3,419		520 k
e4:84:d3:c9:40:73	994	513 k	994	513 k	0		0
b8:af:67:8b:b1:8f	8,423	505 k	8,423	505 k	0		0
ea:21:b6:e2:45:ea	1,494	503 k	1,494	503 k	0		0
b8:af:67:8b:c4:a5	7,727	463 k	7,727	463 k	0		0

Capturing from Wi-Fi

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Packet list Narrow & Wide Case sensitive Display filter http Find Cancel

No.	Time	Source	Destination	Protocol	Length	Info
14276	74.446905	172.18.54.199	224.0.0.251	MDNS	91	Standard query 0x0000 ANY Android-3.local, "QU" question A 172.18.54.199
14277	74.447637	fe80::7a94:9512:e33...	ff02::fb	MDNS	111	Standard query 0x0000 ANY Android-3.local, "QU" question A 172.18.54.199
14278	74.447637	172.18.54.199	255.255.255.255	UDP	70	54018 → 10001 Len=154
14279	74.447637					
14280	74.448252					
14281	74.448252					
14282	74.448252					
14283	74.448789					
14284	74.454043					
14285	74.454043					
14286	74.454206					
14287	74.454545					

Wireshark - Packet 14287 - Wi-Fi

- > Frame 14287: 303 bytes on wire (2424 bits), 303 bytes captured (2424 bits) on interface \Device\NPF_{74830357-8806-4012-AF37-96D026B0148F}, id 0
- > Ethernet II, Src: CyberTAN_d7:5e:0b (00:45:e2:d7:5e:0b), Dst: SamsungE_23:e8:cf (f8:77:b8:23:e8:cf)
- > Internet Protocol Version 4, Src: 172.18.49.240, Dst: 172.18.57.84
- > Transmission Control Protocol, Src Port: 61449, Dst Port: 7676, Seq: 1, Ack: 1, Len: 249
- > Hypertext Transfer Protocol

> Frame 14287: 303 bytes on wire (2424 bits), 303 bytes captured (2424 bits) on interface \Device\NPF_{74830357-8806-4012-AF37-96D026B0148F}, id 0

> Ethernet II, Src: CyberTAN_d7:5e:0b (00:45:e2:d7:5e:0b), Dst: SamsungE_23:e8:cf (f8:77:b8:23:e8:cf)

> Internet Protocol Version 4, Src: 172.18.49.240, Dst: 172.18.57.84

> Transmission Control Protocol, Src Port: 61449, Dst Port: 7676, Seq: 1, Ack: 1, Len: 249

> Hypertext Transfer Protocol

0000 f8 77 b8 23 e8 cf 00 45 e2 d7 5e 0b 08 00 45 00 -w #---E --^---E-

0010 01 21 ca 39 40 00 80 06 6c 34 ac 12 31 f0 ac 12 -! .9@--- 14..1..

0020 39 54 f0 09 1d fc 92 1a e3 8f f7 a6 4a e8 50 18 9T----- --J-P-

0030 02 01 7b f9 00 00 47 45 54 20 2f 73 6d 70 5f 32 --{---GE T /smp_2

0040 31 5f 20 48 54 54 50 2f 31 2e 31 0d 0a 48 6f 73 1_ HTTP/ 1.1--Hos

0050 74 3a 20 31 37 32 2e 31 38 2e 35 37 2e 38 34 3a t: 172.1 8.57.84:

0060 37 36 37 36 0d 0a 43 6f 6e 6e 65 63 74 69 6f 6e 7676--Co nnection

0070 3a 20 6b 65 65 70 2d 61 6c 69 76 65 0d 0a 55 73 : keep-a live--Us

0080 65 72 2d 41 67 65 6e 74 3a 20 4d 6f 7a 69 6c 6c er-Agent : Mozill

0090 61 2f 35 2e 30 20 28 57 69 6e 64 6f 77 73 20 4e a/5.0 (W indows N

00a0 54 20 31 30 2e 30 3b 20 57 69 6e 36 34 3b 20 78 T 10.0; Win64; x

00b0 36 34 29 20 41 70 70 6c 65 57 65 62 4b 69 74 2f 64) Appl eWebKit/

00c0 35 33 37 2e 33 36 20 28 4b 48 54 4d 4c 2c 20 6c 537.36 (KHTML, l

00d0 69 6b 65 20 47 65 63 6b 6f 29 20 43 68 72 6f 6d ike Gecko o) Chrom

00e0 65 2f 31 30 39 2e 30 2e 30 2e 30 20 53 61 66 61 e/109.0. 0.0 Safa

00f0 72 69 2f 35 33 37 2e 33 36 20 45 64 67 2f 31 30 ri/537.3 6 Edg/10

0100 39 2e 30 2e 31 35 31 38 2e 36 39 0d 0a 41 63 63 9.0.1518 .69--Acc

0110 65 70 74 2d 45 6e 63 6f 64 69 6e 67 3a 20 67 7a ept-Enco ding: gz

0120 69 70 2c 20 64 65 66 6c 61 74 65 0d 0a 0d 0a ip, defl ate---

No: 14287 - Time: 74.454545 - Source: 172.18.49.240 - Destination: 172.18.57.84 - Protocol: HTTP - Length: 303 - Info: GET /smp_21_ HTTP/1.1

Close Help

Profile: Default